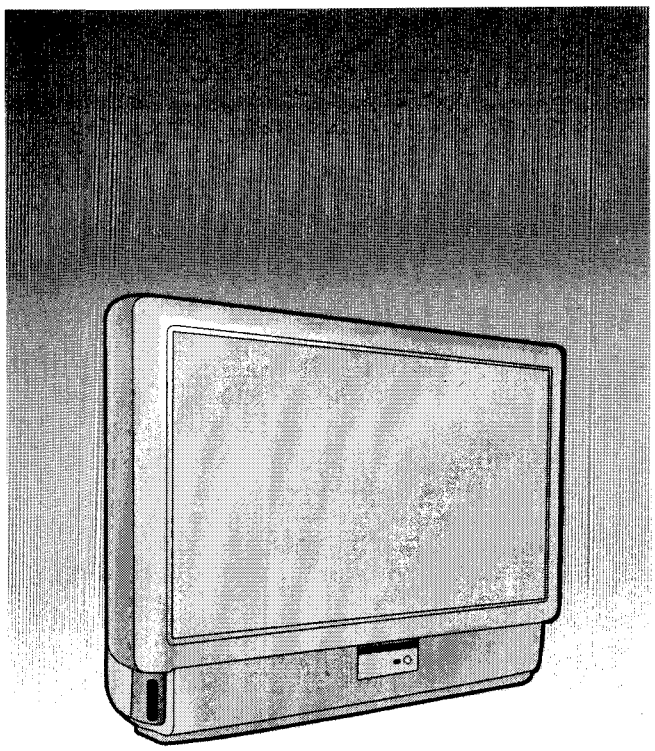
SAMSUNG

LCD PROJECTION TELEVISION

Chassis : M51A
Model : SP40J5HAX/XET
SP40J5HAX/XEC
SP40J5HAX/XEG
SP40J5HAX/XEP

SERVICE Manual

COLOR TELEVISION RECEIVER



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1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.

2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people—particularly children—might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

   If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (Figure 1-1):
   Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANIS C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).

5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

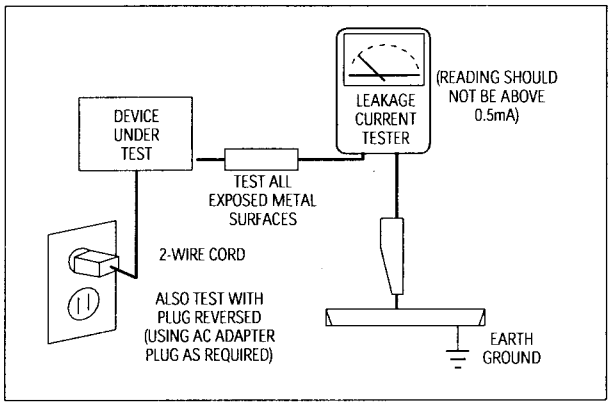
DEVICE UNDER TEST
LEAKAGE CURRENT TESTER
(READING SHOULD NOT BE ABOVE 0.5mA)
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

Fig. 1-1 AC Leakage Test

6. Antenna Cold Check:
   With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.

7. X-ray Limits:
   The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.

8. High Voltage Limits:
   High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits. Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced. (X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

   Heed the high voltage limits. These include the X–ray Protection Specifications Label, and the Product Safety and X-ray Warning Note on the service data schematic.

1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.

10. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.

11. Hot Chassis Warning:
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

    To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.

12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, regardless of the AC plug polarity. These units can be safely serviced only if an isolation transformer inserted between the receiver and the power source.

13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.

14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.

15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.

16. Picture Tube Implosion Warning:
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.

17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.

18. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

    Components that are critical for safety are indicated in the circuit diagram by shading, (⚠) or (⚠).
    Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications.
    A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

Warning1: First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.
Warning2: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.

2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.

3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.

4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.

5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).

6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.

7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

9. When some parts inside the optical engine (except lamp) are damaged, replace the whole optical engine.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor ("solid state") devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.

2. Immediately before handling any semicon ductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power—this is an electric shock precaution.)

3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.

4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.

5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.

6. Use only an anti-static solder removal device. Many solder removal devices are not rated as "anti-static"; these can accumulate sufficient electrical charge to damage ESDs.

7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.

8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

2. Reference Information

2-1 Tables of Abbreviations and Acronyms

Table 2-1 Abbreviations

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	µA	Microampere
		µF	Microfarad
°C	Degree Celsius	µH	Microhenry
°F	Degree Fahrenheit	µm	Micrometer
°K	degree Kelvin	µs	Microsecond
F	Farad	µW	Microwatt
G	Gauss	mA	Milliampere
GHz	Gigahertz	mg	Milligram
g	Gram	mH	Millihenry
H	Henry	ml	Milliliter
Hz	Hertz	mm	Millimeter
h	Hour	ms	Millisecond
ips	Inches Per Second	mV	Millivolt
kWh	Kilowatt-hour	nF	Nanofarad
kg	Kilogram	Ω	Ohm
kHz	Kilohertz	pF	Picofarad
kΩ	Kilohm	lb	Pound
km	Kilometer	rpm	Revolutions Per Minute
km/h	Kilometer Per Hour	rps	Revolutions Per Second
kV	Kilovolt	s	Second (Time)
kVA	Kilovolt-ampere	V	Volt
kW	Kilowatt	VA	Volt-ampere
l	Liter	W	Watt
MHz	Megahertz	Wh	Watt-hour

Table 2-1 Abbreviations

ABL	Automatic Brightness Limiter	I/O	Input/output
AC	Alternating Current	L	Left
ACC	Automatic Chroma Control	L	Low
AF	Audio Frequency	LED	Light Emitting Diode
AFC	Automatic Frequency Control	LF	Low Frequency
AFT	Automatic Fine Tuning	MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
AGC	Automatic Gain Control	MTS	Multi-channel Television Sound
AM	Amplitude Modulation	NAB	National Association of Broadcasters
ANSI	American National Standards Institute	NEC	National Electric Code
APC	Automatic Phase Control	NTSC	National Television Systems Committee
APC	Automatic Picture Control	OSD	On Screen Display
A/V	Audio-Video	PCB	Printed Circuit Board
AVC	Automatic Volume Control	PLL	Phase-Locked Loop
BAL	Balance	PWM	Pulse Width Modulation
BPF	Bandpass Filter	QIF	Quadrature Intermediate Frequency
B-Y	Blue-Y	R	Right
CATV	Community Antenna Television (Cable TV)	RC	Resistor & Capacitor
CB	Citizens Band	RF	Radio Frequency
CCD	Charge Coupled Device	R-Y	Red-Y
CCTV	Closed Circuit Television	SAP	Second Audio Program
Ch	Channel	SAW	Surface Acoustic Wave(Filter)
CRT	Cathode Ray Tube	SIF	Sound Intermediate Frequency
CW	Continuous Wave	SMPS	Switching Mode Power Supply
DC	Direct Current	S/N	Signal/Noise
DVM	Digital Volt Meter	SW	Switch
EIA	Electronics Industries Association	TP	Test Point
ESD	Electrostatic Discharge	TTL	Transistor Transistor Logic
ESD	Electrostatically Sensitive Device	TV	Television
FBP	Feedback Pulse	UHF	Ultra High Frequency
FBT	Flyback Transformer	UL	Underwriters Laboratories
FF	Flip-Flop	UV	Ultraviolet
FM	Frequency Modulation	VCD	Variable-Capacitance Diode
FS	Fail Safe	VCO	Voltage Controlled Oscillator
GND	Ground	VCXO	Voltage Controlled Crystal Oscillator
G-Y	Green-Y	VHF	Very High Frequency
H	High	VIF	Video Intermediate Frequency
HF	High-Frequency	VR	Variable Resistor
HI-FI	High Fidelity	VTR	Video Tape Recorder
IC	Inductance-Capacitance	VTVM	Vacuum Tube Voltmeter
IC	Integrated Circuit	TR	Transistor
IF	Intermediate Frequency		

2-2 IC Line Up

Table 2 - 2 IC Line - Up

BLOCK	SPECIFICATION	MAKER	FUNCTION
MAIN	TDA9810T	PHILLIPS	VIF (QSS-IF&AM)
	TDA7265	SGS-THOMSON	STEREO AMP (25W)
	PCF8574P	PHILIPS	FAN,LEVER S/W,THERMO S/W DETECT
	SAA1300	PHILIPS	LED CONTROL, LAMP ON/OFF
AV-TERMINAL	TDA6920X	SIEMENS	7*5 VIDEO S/W
	TEA5114A	SGS-THOMSON	VIDEO S/W
	TL062CDT	T.I	OP AMP
SOUND	MSP3410D	ITT	SOUND PROCESSOR
	DPL3519A	ITT	DOLBY PRO LOGIC
	TL062CDT	T.I	OP AMP
	74HC4052	PHILIPS	ANALOG-MULTIPLEXER
	SDA30C264	SIEMENS	8-BIT MICRO CONTROLLER
MICOM	ST24W16	SGS-THOMSON	EEPROM (2K*8)
	TMS27C040	T.I	PROGRAMMABLE ROM
	SDA5273P	SIEMENS	MEGATEXT
	KM44C1004D	SEC	DRAM (1M*4BIT)
	HD74HC123P	HITACHI	MULTIVIBRATOR
LCD-CONTROL	74HC04D	PHILIPS	CMOS-LOGIC
	TDA4780	PHILIPS	RGB CONTROL
	TDA8444	PHILIPS	DAC
	CXA1853Q	SONY	RGB DRIVER
	CXA2504N	SONY	SAMPLE/HOLD DRIVER
	CXD2443Q	SONY	TIMING GENERATOR
	CIP3215A	ITT	COMPONENT INTERFACE PROCESSOR
FEATURE-BOX	VPC3210A	ITT	VIDEO PROCESSOR
	TL7705AC	T.I	POWER-ON RESET GENERATOR
	SDA9280	SIEMENS	DISPLAY PROCESSOR
	SDA9272	SIEMENS	VIDEO INTERPOLATION PROCESSOR
	SDA9253	SIEMENS	DRAM
	74F125	PHILIPS	BUFFER
	74F541	PHILIPS	BUFFER

MEMO

3. Specifications

MODEL		SP40J5HA
MAIN CHARACTERISTICS	Progressive	0
	Dolby Prologic	0
	AV- LINK	0
SYSTEM	TUNING	Frequency Synthesizer
	COLOR	PAL, SECAM, NTSC (only AV mode)
	SOUND	NICAM, A2 STEREO, AM
ANTENNA INPUT		75Ω, Coaxial Cable
POWER	CONSUMPTION	168W
	REQUIREMENTS	Main Voltage : 230V Input Range : 220 ~240V
	FREQUENCY	50Hz
LCD	SIZE	1.43" , 16:9
	TYPE	p-Si : Active matrix TFT
NUMBER OF CHANNELS		100
TUNING RANGE		VHF : 2 ~ 12, UHF : 21 ~ 69, Cable : S1 ~ S41
SOUND OUTPUT		Right : 15W Left : 15W
SOCKETS	EXT4	-1 RCA Input / 1 S-Video input -Headphone Audio Output
	BACK (3 SCARTS)	-EXT1 : full RGB Scart / AV-LINK -EXT2 : Scart (Output Selectable) -EXT3 : Decoder (Output Selectable) -Dolby Prologic Signal Output (RCA Jack)

Specifications are subject to change.

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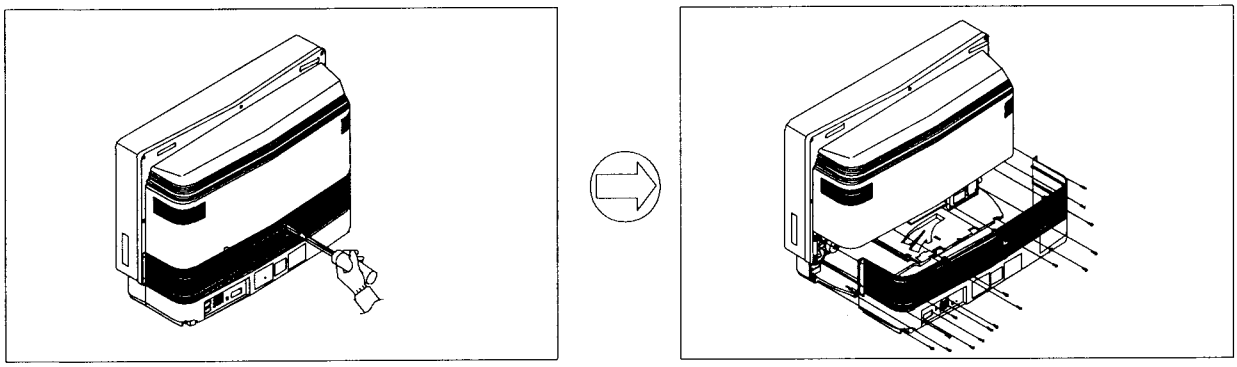
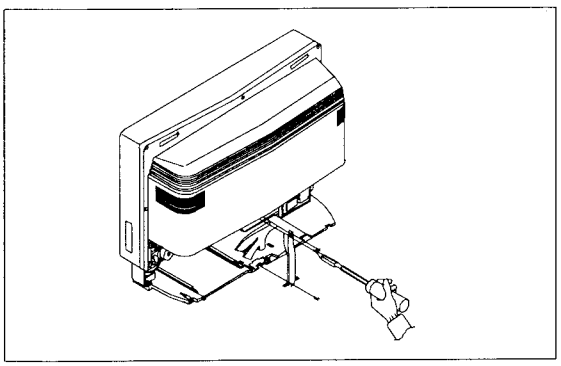
4. Disassembly and Reassembly

4-1 Back Cover Removal

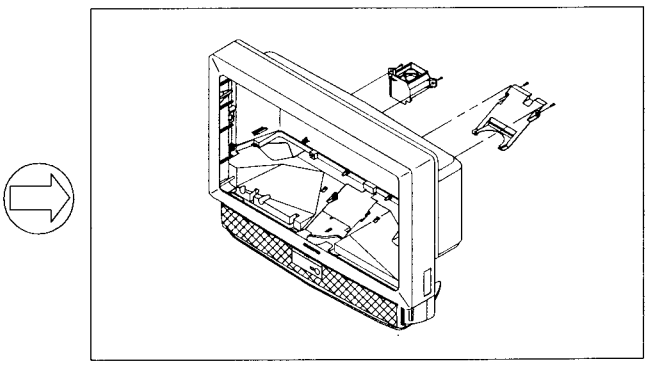
1. After removing the 16 screws, pull the bottom part of the cabinet back wards.



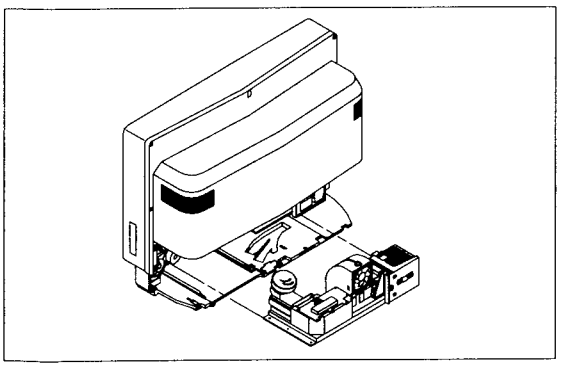
2. Loosen the 4 screws and remove the supporter.



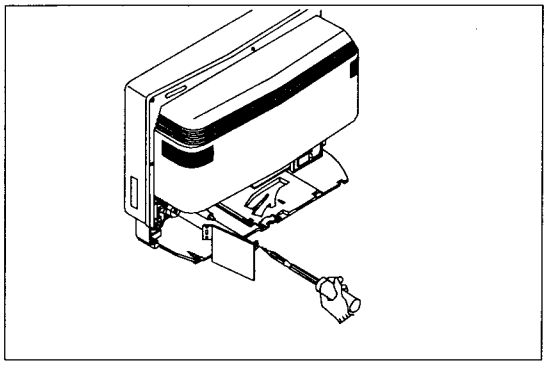
3. After loosening the 4 screws, remove the lens cover and fan duct.



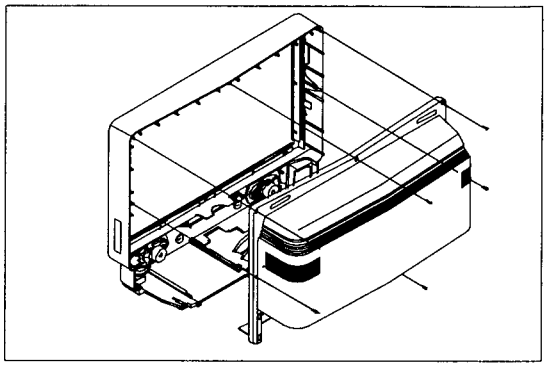
4. Loosen the 2 screws. Remove the optical meter.



6. After loosening the 2 screws, remove the chassis holder and power mounting.

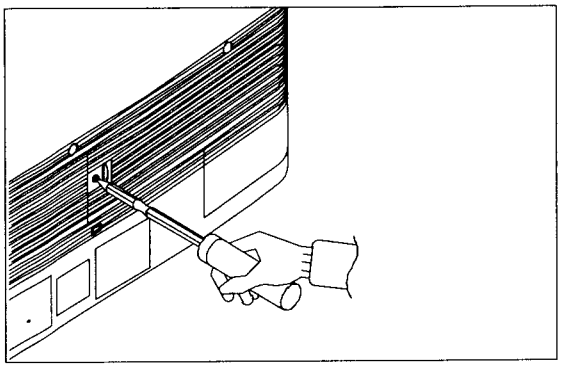


7. After removing the 6 screws, pull the top cabinet backwards.

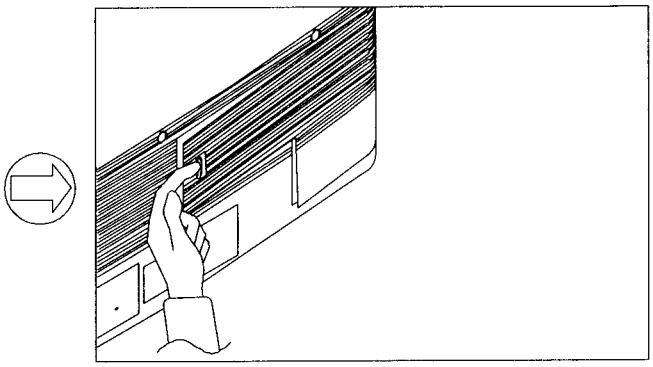


4-2 Lamp Replacement

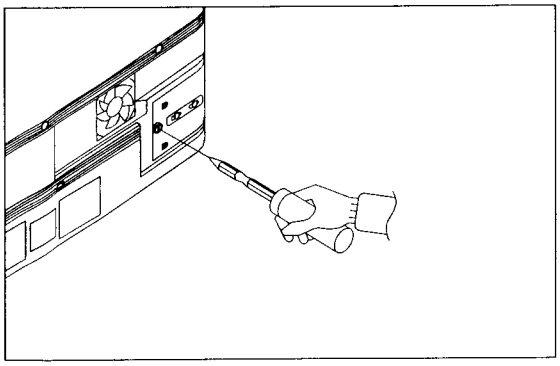
1. Loosen the screw.



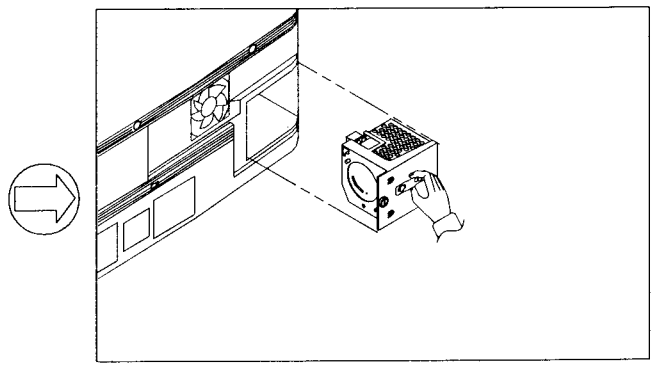
2. Remove the cover.



3. Using a hexagonal wrench, loosen the two screws that secure the lamp.



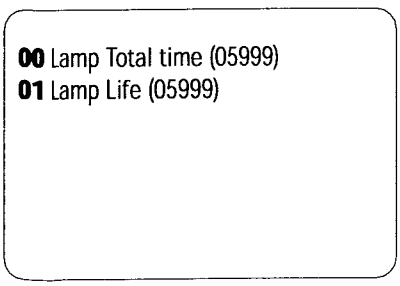
4. Pull out the lamp.



5. PROCEDURE

   After completing the lamp replacement, enter the Service Mode
   Press the remote control Keys in the following sequence:

   "Display → P.STD → Mute → Power"



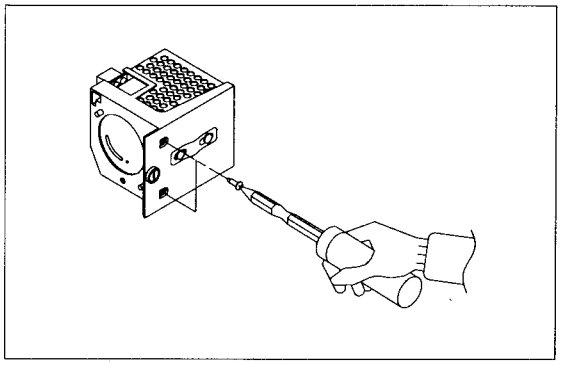
(1) Select 01 (lamp life) with using the joystick downward, then moving the joystick to right direction(See the figure below).

(2) Press the Cancel key to reset the lamp life ("00000").

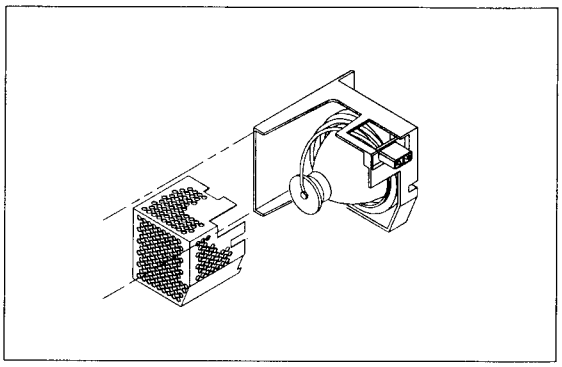
(3) Press the Power key to save the factory value.

4-2-1 Lamp (Bulb only) Replacement

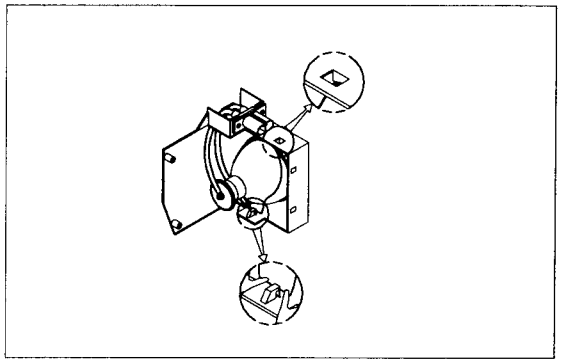
1. Loosen the two screws.



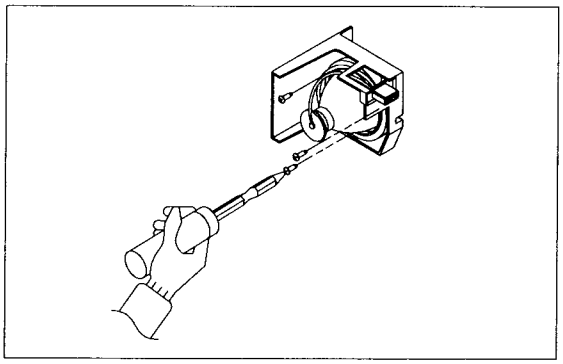
2. Remove the lamp-bracket from the lamp assembly.



3. After loosening the two brackets, remove the lamp-holder and wires.

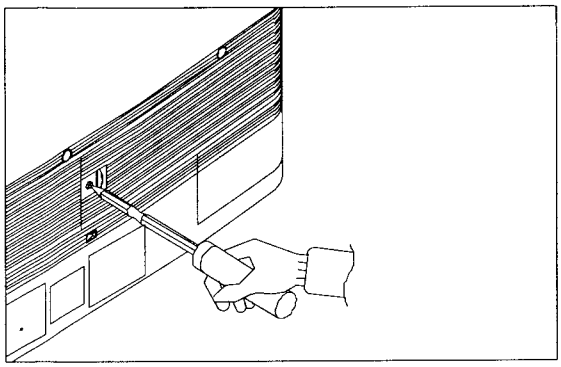


4. After loosening one screw and one nut, remove the bulb.

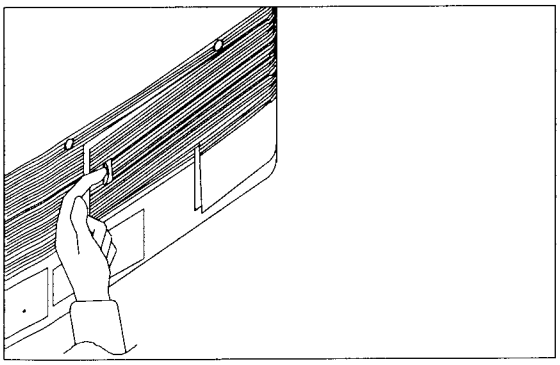


4-3 Air Filter Check

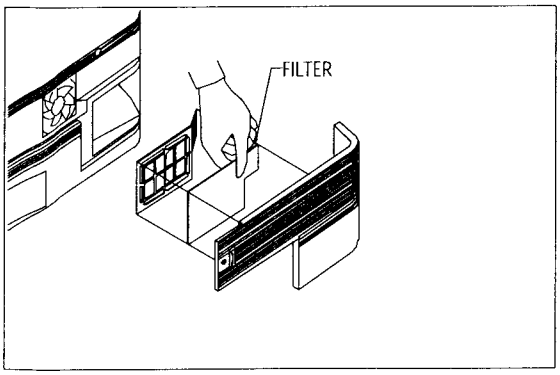
1. Loosen the screw.



2. Remove the cover.

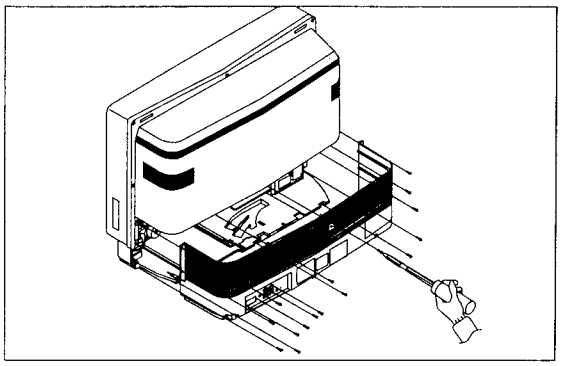


3. After removing the holder and filter from the cover, clean the filter.

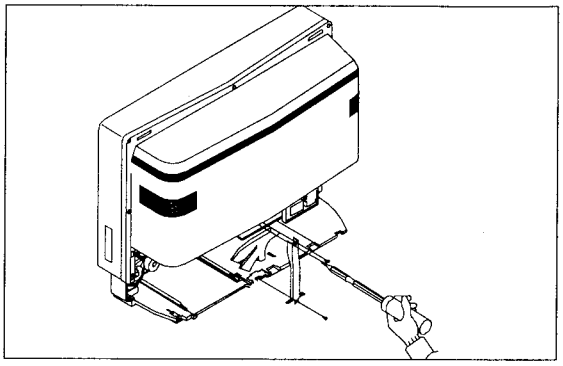


4-4 Liquid Crystal Panel Replacement

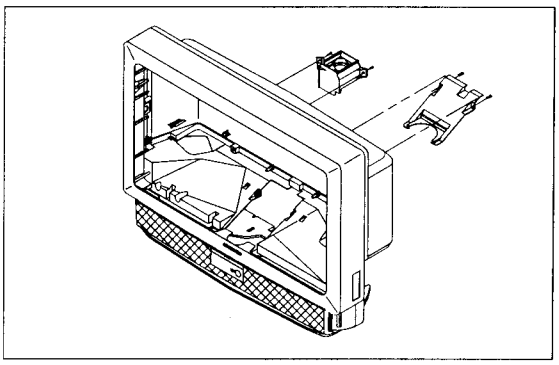
1. After removing the 16 screws, pull the cabinet backwards.



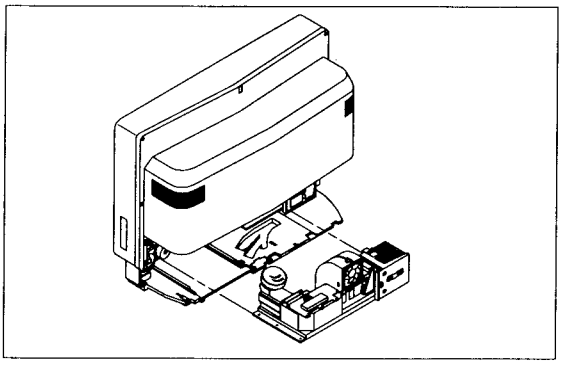
2. Loosen the 3 screws. Remove the supporter.



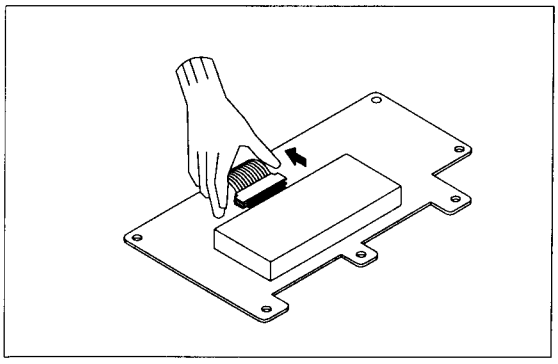
3. After loosening the 4 screws, remove the lens cover and fan duct.



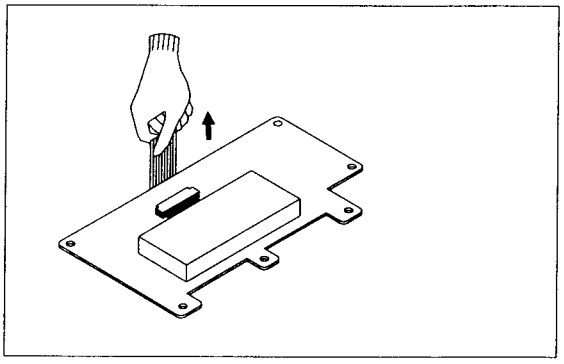
4. Loosen the 2 screws. Remove the optical meter.



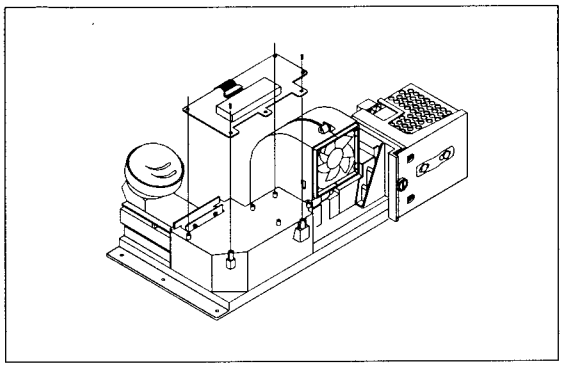
5. Remove the GUIDE from the FPC-Connector.



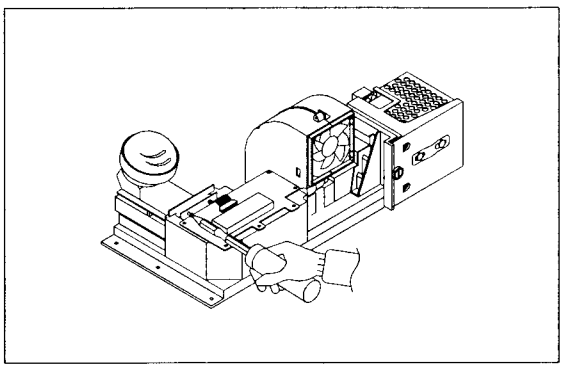
6. Remove FPC cable from the FPC-Connector.



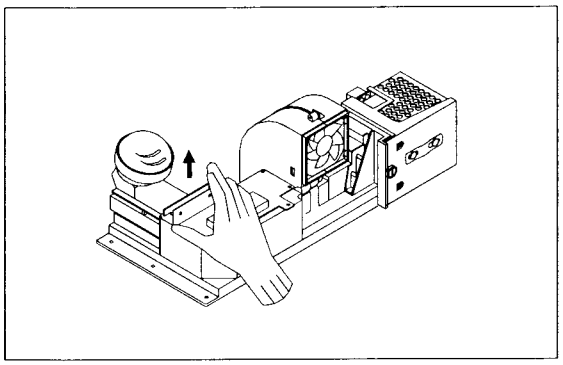
7. Loosen the 2 screws, 2 PCB spacers and remove the PCB-LCD.



8. Using a hexagonal wrench, loosen the two screws.

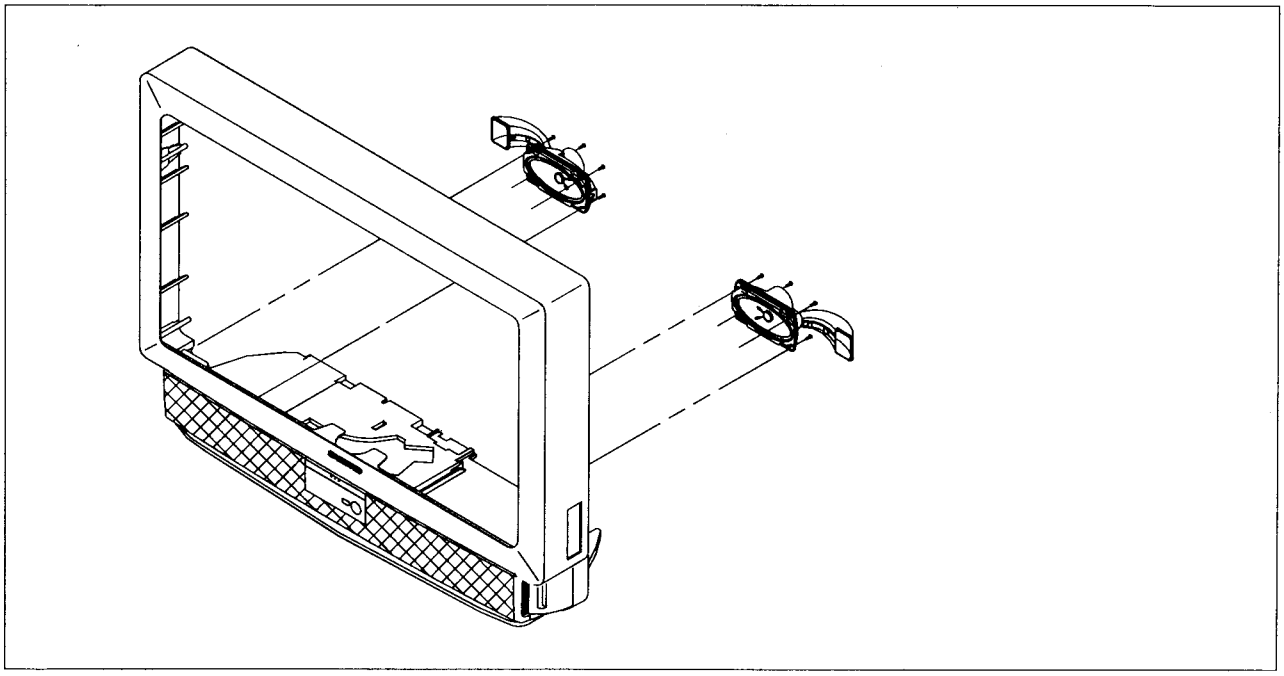


9. Lift the LCD in the direction of arrow.



4-5 Speaker Removal

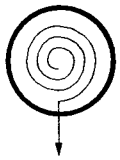
1. Loosen the 4 screws and remove the speaker holders.



5. Alignment and Adjustments

5-1 Lens and Mirror Cleaning

1. Mix the alcohol and ethyl in appropriate proportions.
2. Use a clean cotton cloth or a cleaning paper.
3. Clean the top of the lens by turning it as shown. The pattern starts at the center and proceeds outward, as shown below:



4. Use minimal pressure when rubbing the mirror. Otherwise, the surface will be damaged.

5-2 Focus Adjustment for projection Lens

1. Loosen the 4 screws that secure the optical assembly.
2. After setting the optical assembly on the front cabinet, secure the unit temporarily using the two screws.
3. After applying the liquid crystal panel signal, input a lion head pattern from a pattern generator.
4. Move the focus adjustment screws right and left until the liquid crystal picture element is clearly displayed on the screen.
5. Reposition the optical assembly, and fasten all 4 screws.
6. Check the focus adjustment.
7. Repeat adjustments 1~5, if necessary.

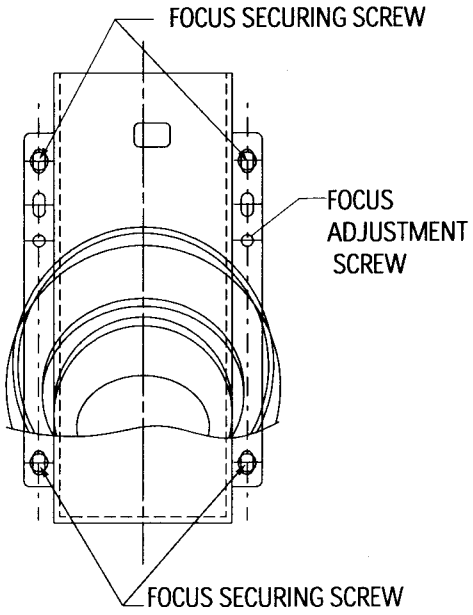


Fig. 5-1

5-3 Liquid Crystal Screen Center Adjustment

After replacing with the new liquid crystal panel, make sure that the liquid crystal screen center is aligned with the screen center. If they are not aligned, make the following adjustments:

1. Using a hexagonal wrench, loosen the two screws that secure the liquid crystal panel.

   Note: Loosen the screws just until the panel can move easily.

2. Using two fingers, lift the liquid crystal upward. (The screen moves downward.)

3. When moving the liquid crystal panel towards the left, the screen moves right (and vice versa).

5. Repeat adjustments 2~4 until the screen center is aligned vertically and horizontally.

6. Using a hexagonal wrench, refasten the two screws.

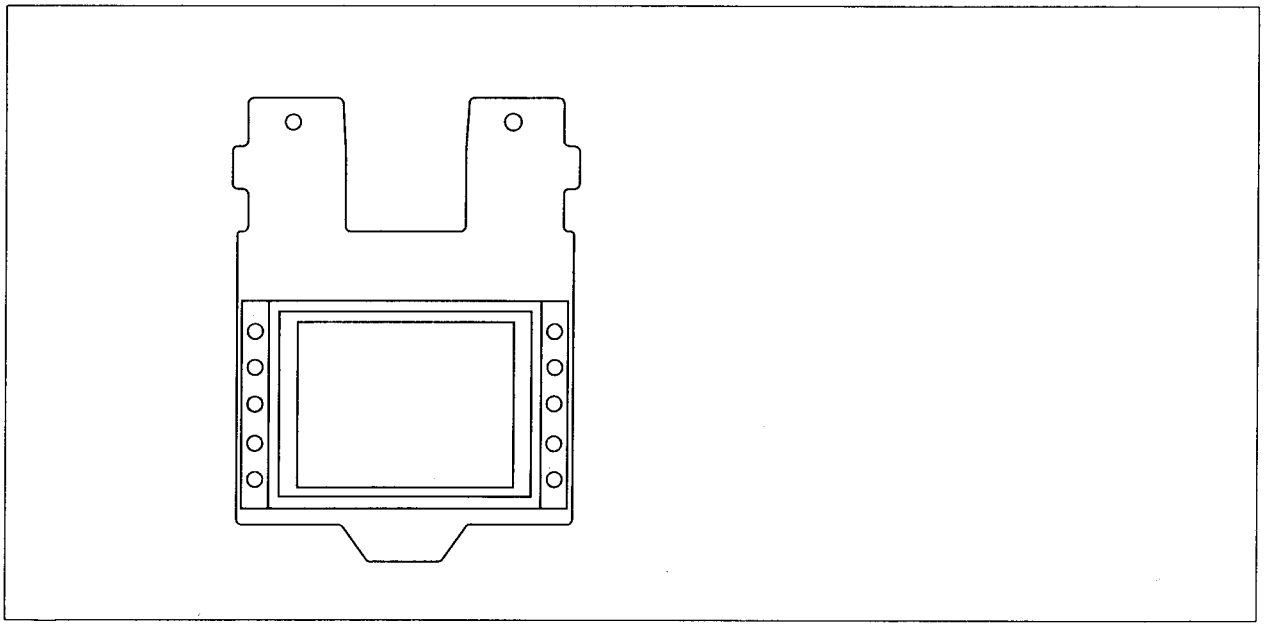
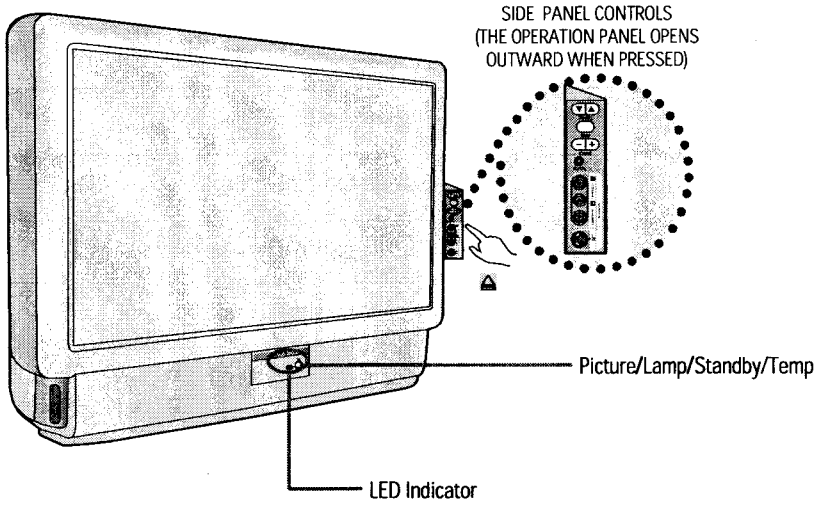
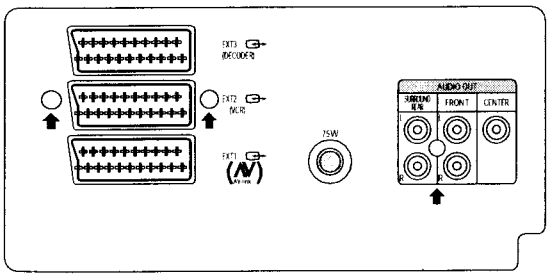


Fig. 5-2

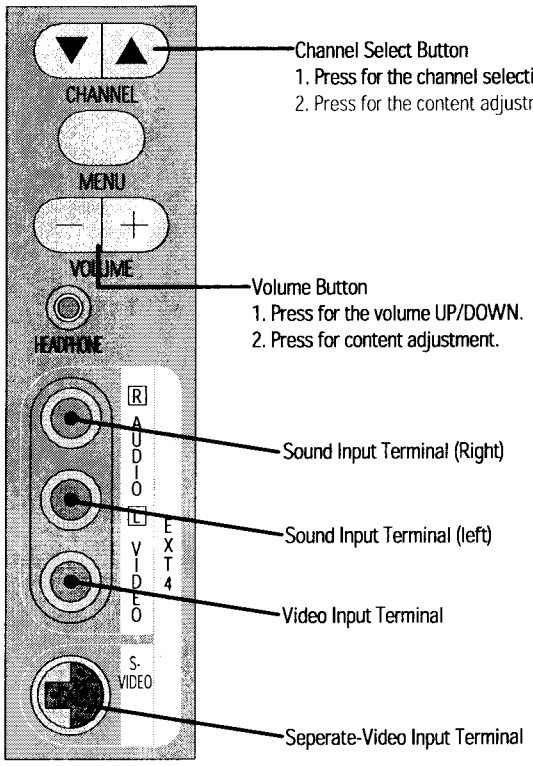
5-4 Side Panel Controls



4-4-1 Rear Panel Jacks



5-4-2 Side Operation Panel



5-5 Service Mode Adjustments

5-5-1 MATRIX IC (TDA4780) Adjustment

No.	Item	Range	Initial value	Description
00	RED DRIVE	63	19	Adjustment for the R gain
01	GREEN DRIVE	63	14	Adjustment for the G gain
02	BLUE DRIVE	63	23	Adjustment for the B gain
03	RED CUTOFF	63	32	Adjustment for the R cutoff
04	GREEN CUTOFF	63	32	Adjustment for the G cutoff
05	BLUE CUTOFF	63	32	Adjustment for the B cutoff
06	SUB BRIGHTNESS	20	11	Adjustment for the brightness
07	SUB CONTRAST	20	20	Adjustment for the contrast
08	SUB COLOR	20	00	Adjusts the color difference signal level of YUVIN 1
09	PEAK DRIVE LIMIT	63	53	Adjustment for the peak drive limit
10	P.YC DELAY	15	10	Adjustment for the P.YC delay
11	SUB TINT	17	09	Adjusts the center of tint (0 →R 9 →CENTER 17 →G)
12	γ CORRECTION	63	00	Adjustment for the γ correction

5-5-2 LCD Interface IC (CXA1853_A) Adjustment

No.	Item	Range	Initial value	Description
00	Gamma gain 1	63	41	Adjusts the gain of black side on the gamma curve (R,G.B)
01	R gamma gain 1	63	29	Adjusts the gain of black side on the gamma curve for R
02	B gamma gain 1	63	48	Adjusts the gain of black side on the gamma curve for B
03	Gamma gain 2	63	16	Adjusts the gain of white side on the gamma curve (R,G.B)
04	R gamma gain 2	63	29	Adjusts the gain of white side on the gamma curve for R
05	B gamma gain 2	63	36	Adjusts the gain of white side on the gamma curve for R
06	Gamma ctrl 2	63	34	Adjusts the change point of the white side on the gamma curve (R,G,B). The smaller the value, the more it moves towards white.
07	Main bright	63	59	Adjust the DC level of R,G,B signal before doing the gamma adjustment. It determines the change point of the gamma curve. The greater the value, the darker it gets.
08	R main bright	63	36	Adjusts the DC level of R before doing the gamma adjustment. It determines the change point of the gamma curve. The greater the value, the darker it gets.
09	B main bright	63	37	Adjusts the DC level of B before doing the gamma adjustment. It determines the change point of the gamma curve. The greater the value, the darker it gets.
10	White limit	63	40	Adjusts the limiter voltage of white peak of R,G,B video signal (applied to LCD). The greater the value, the lower the limiter voltage becomes.

5-5-3 LCD Interface IC (CXA1853_B) Adjustment

No.	Item	Range	Initial value	Description
00	Gamma ctrl 1 off	63	44	Adjusts the change point of the black side on the gamma curve (R,G,B). The greater the value, the more it moves towards black
01	Black Stretch On	36	39	Adjusts the change point of the back side on the (R,G,B) gamma curve. Moves the change point to the white side. The value is always less than the one of the gamma ctrl 1 off.
02	R gamma ctrl 1	63	33	Adjusts the change point of the back side on the gamma curve for R. The greater the value, the more it moves towards black.
03	B gamma ctrl 1	63	38	Adjusts the change point of the black side on the gamma curve for B. The greater the value, the more it moves towards black.
04	Sub bright	20	04	Adjusts the brightness of R, G, B after doing the gamma adjustment. No change of the gamma curve. The greater the value, the darker it gets.
05	R sub bright	63	38	Adjusts the brightness of R after doing the gamma adjustment. No change on the gamma curve. The greater the value, the darker it gets.
06	B sub bright	63	48	Adjusts the brightness of B after doing the gamma adjustment. No change on the gamma curve. The greater the value, the darker it gets.
07	Common ctrl	63	31	Adjusts the common voltage (applied to LCD)
08	Signal center	63	18	Adjusts the DC level of composite video signals (applied to LCD). Set the signal center to 7V.
09	Sub contrast	63	41	Adjusts the gain of R, G, B (applied to LCD).
10	R sub contrast	63	33	Adjusts the gain of R (applied to LCD).
11	B sub contrast	63	33	Adjusts the gain of B (applied to LCD).

5-5-4 LCD CONTROLLER (CXD2443Q) Adjustment

No.	Item	Range	Initial value	Description
00	LCD h pos	255	106	Determines the start location of horizontal indication by picture element.
01	LCD v pos	15	3	Determines the start location of vertical indication (within 1H)
02	SH position	15	6	Determines the phase of the sample/hold pulse.

5-5-5 Lamp's Total Hours

No.	Item	Range	Initial value	Description
00	lamp total time	05999		Records total elapsed time (from the time where power is first applied). Reset not possible
01	lamp time	05999		Records total elapsed time (from the point where power is first applied). Reset (using the cancel key). The lamp time is displayed by using the Display key. Reset must be done during the set shipment. Reset must be done after lamp replacement.

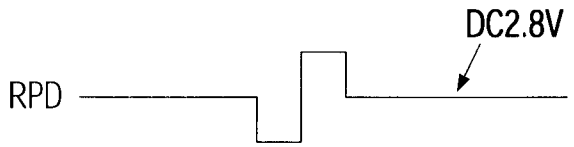
5-5-6 Option

No.	Item	Range	Initial value	Description
00	Epg	on/off	off	Electronic program guide
01	Av_link	on/off	on	Av_link
02	Palplus	on/off	off	-
03	27Mhz external	on/off	on	27Mhz external
04	16 : 9 wide	on/off	on	16 : 9 wide
05	Dolby prologic	on/off	off	Dolby prologic
06	3d sound	on/off	on	3d sound
07	S-audio mute	on/off	off	Scart audio mute
08	Blue screen	on/off	on	Blue screen
09	UHF only	on/off	off	UHF only
10	Vga	on/off	off	Vga input
11	Atm one run	on/off	on	Atm one run ("OFF" for France)
12	Size key	on/off	on	Size key
13	V. Peaking	on/off	on	Vertical peaking

5-6 Circuit Adjustments

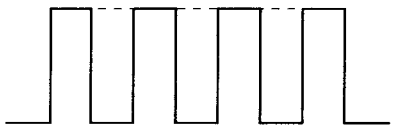
5-6-1 LCD Control Board PLL Adjustment

1. Input a color bar signal.
2. Connect CNL06,RPD to an oscilloscope, and check the waveforms.
   (1 V/div, 20 u sec/div)



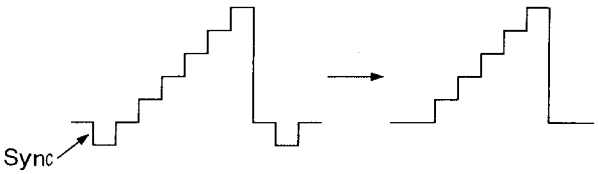
5-6-2 Matrix IC (TDA4780) Sub Tint Adjustment

1. Input a color bar signal.
2. Connect CNL07 (B output) to an oscilloscope, and check the waveform.
   (0.5 V/div, 20 u sec/div)



5-6-3 Matrix R Output Signal Amplitude Adjustment (Red Drive)

1. Input a 10-step signal (Color OFF).
2. Connect CNL07 (R output) to an oscilloscope, and check the waveform.
   (0.5 V/div, 10 u sec/div)
3. Adjust the red drive so that the signal amplitude becomes 0.7Vp-p.
4. Adjust the Sub-brightness of TDA4780 so that the waveform (without sync) is seen as shown in the figure below.



5-6-4 Matrix G Output Signal Amplitude Adjustment (Green Drive)

1. Input a 10-step signal (Color OFF).
2. Connect CNL07 (G output) to an oscilloscope, and check the waveform.
   (0.5 V/div, 10 u sec/div)
3. Adjust the green drive so that the signal amplitude becomes 0.7Vp-p.

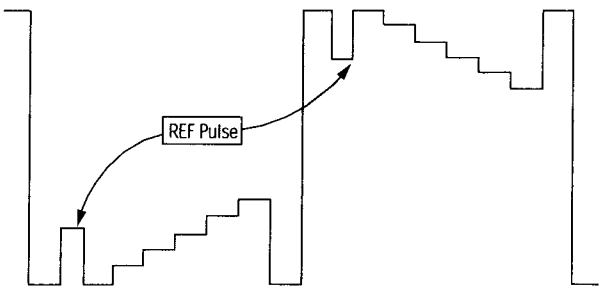
5-6- 5 Matrix B Output Signal Amplitude Adjustment (Blue Drive)

1. Input a 10-step signal (Color OFF).
2. Connect CNL07 (B output) to an oscilloscope, and check the waveform.
   (0.5 V/div, 10 u sec/div)
3. Adjust the blue drive so that the signal amplitude becomes 0.7Vp-p.

5-6-6 Main Brightness Adjustment

1. Input a 10-step signal (Color OFF).
2. Connect LCD CNL08(R1) input to an oscilloscope, and check the waveform.
   (2 V/div, 10 u sec/div)
3. Adjust the main brightness so that the Ref pulse is positioned on the center of signal.

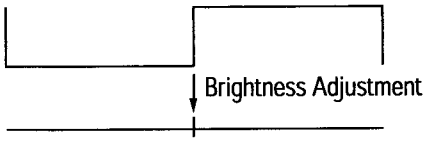
Note : The change point (on gamma curve) is determined by Ref.



5-6-7 R Main Brightness & B Main Brightness Adjustments

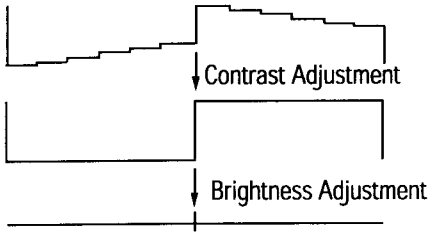
1. Input a 5-step signal (Color OFF).
2. Connect CH1 to LCD G1 input and CH2 to LCD R,B input. (1 V/div, 10 u sec/div)
3. Reverse the CH2 signal, and add CH1 and CH2 in ADD mode.
4. Adjust R,B main brightness for the waveform shown below.

Note: The R,B main brightness adjustment should be done with Gamma Adjustment OFF (gamma ctrl1 = 63, gamma ctrl2 = 17).



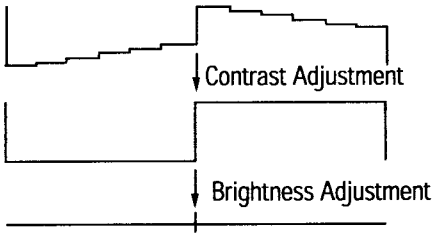
5-6-8 R Sub-brightness & R Contrast Adjustments

1. Input a 5-step signal (Color OFF).
2. Connect CH1 to LCD G1 input and CH2 to LCD R1 input. (1 V/div, 10 u sec/div)
3. Reverse the CH2 signal, and add CH1 and CH2 in ADD mode.
4. Adjust R sub-contrast and R sub-brightness waveforms, as shown below:



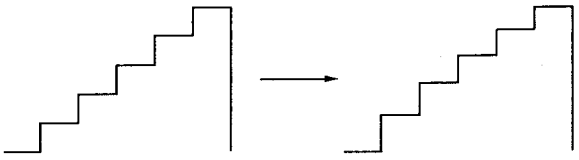
5-6-9 B Sub-brightness & B Contrast Adjustments

1. Input a 5-step signal (Color OFF).
2. Connect CH1 to LCD G1 input and CH2 to LCD B1 input. (1 V/div, 10 u sec/div)
3. Reverse the CH2 signal, and add CH1 and CH2 in ADD mode.
4. Adjust B sub-contrast and B sub-brightness waveforms, as shown below:



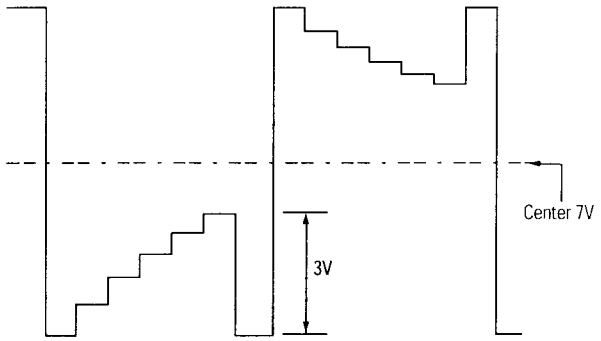
5-6-10 Gamma Adjustment

1. Input a 5-step signal (Color OFF).
2. Connect LCD G1 input to an oscilloscope. (2 V/div, 10 u sec/div)
3. Adjust the gamma gain1, gain2 and the gamma ctrl1, crtl2 for the waveform shown below.



5-6-11 Sub-Contrast Adjustment

1. Input a 5-step signal (Color OFF).
2. Connect LCD G1 input to an oscilloscope. (2 V/div, 10 u sec/div)
3. Adjust the sub-contrast so that the signal level is 3V, as shown below:



5-6-12 Signal Center Adjustment

1. Input a 5-step signal (Color OFF).
2. Connect LCD G1 input to an oscilloscope, and check the waveform. (2 V/div, 10 u sec/div)
3. Set the signal center to 7V.

5-6-13 Common Voltage Adjustment

1. Connect LCD COMMON input to an oscilloscope, and check the waveform. (1 V/div, 10 u sec/div)
2. Set the common control to 6.8V.

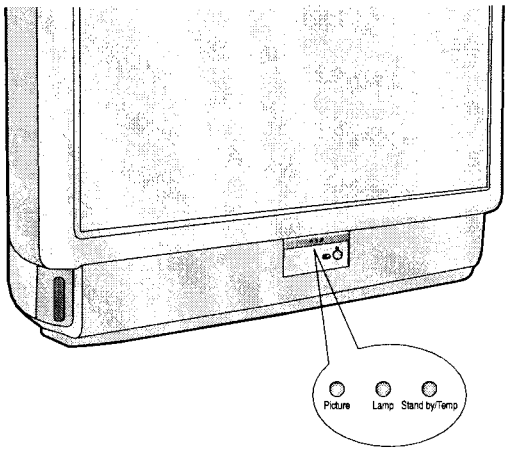
5-6-14 White Balance Adjustment

1. Input a lion head pattern from a pattern generator.
2. Adjust the sub-brightness so that the white cannot be saturated.
3. Adjust R,B contrast for the high light of white balance.
4. Adjust R,B sub-brightness when the middle tone is not black and white,but colored. Repeat adjustments 3 ~ 4 for optimum.
5. Adjust gamma crtl1 for adjusting the brightness of the black side.
6. Adjust R,B gamma crtl1 while checking the tone of the black side so that any color is not seen.
7. Repeat adjustments 2 ~ 6, if necessary.

5-6-15 Center Convergence Adjustment

1. Input a lion head pattern from a pattern generator.
2. Adjust the LCD Horizontal/Vertical POS.

5-7 LED Display Check



○ : OFF ● : ON ◑ : Blinking

No	Status	Picture	Lamp	Stand By Temp
1	Master Power ON (in the Stand-by Mode)	○	○	●
2	Normal operation	●	●	○
3	Lamp is warming up. The normal picture comes on after 25 seconds.	◑ ○	● or ◑	○ ○
4	Air vent cover in the rear of the TV is not properly installed.	○	◑	◑
5	Inside temperature of the TV is over normal. Clean the air vent cover in the rear of the TV. Turn the TV back on after 1 hour. (see below "Temperature")	○	○	◑
6	The lamp needs to be replaced.	◑	◑	◑

◆ Temperature

Wen the inside temperature of the TV becomes too high, the TV set is automatically turned off.
You will observe the following.

1. "TEMP" LED is blinking for about 5 ~ 6 seconds.
2. The picture is turned to blue screen and "TEMPERATURE" character blinks for about 5 ~ 6 seconds.
3. The power is turned off and "TEMP" LED is blinking for about 20 seconds.
   (This is not a TV set failure and normal operation)

MEMO

6. Troubleshooting

6-1 Service Mode

1. To enter the Service Mode, press the remote-control keys in the following sequence:
   Display → Picture Standard → Mute → Power

2. Use the joystick key to move within the Service Mode.

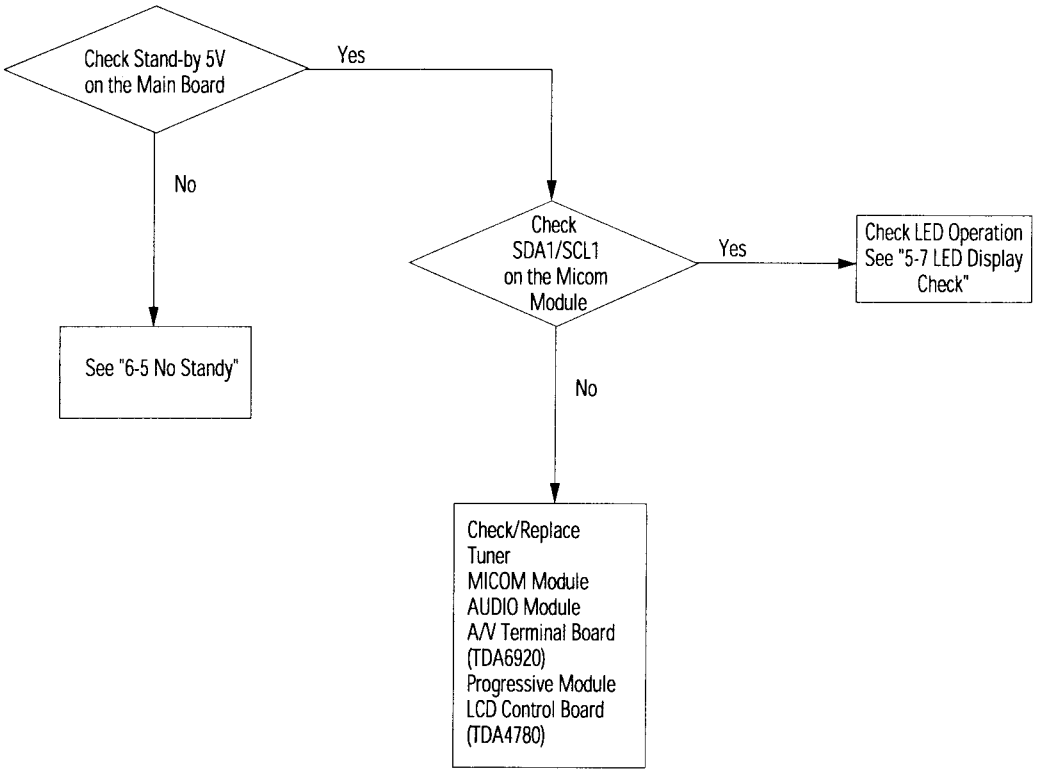
3. Use the joystick key to change data.

   (1) Move the joystick to right direction to increase data.

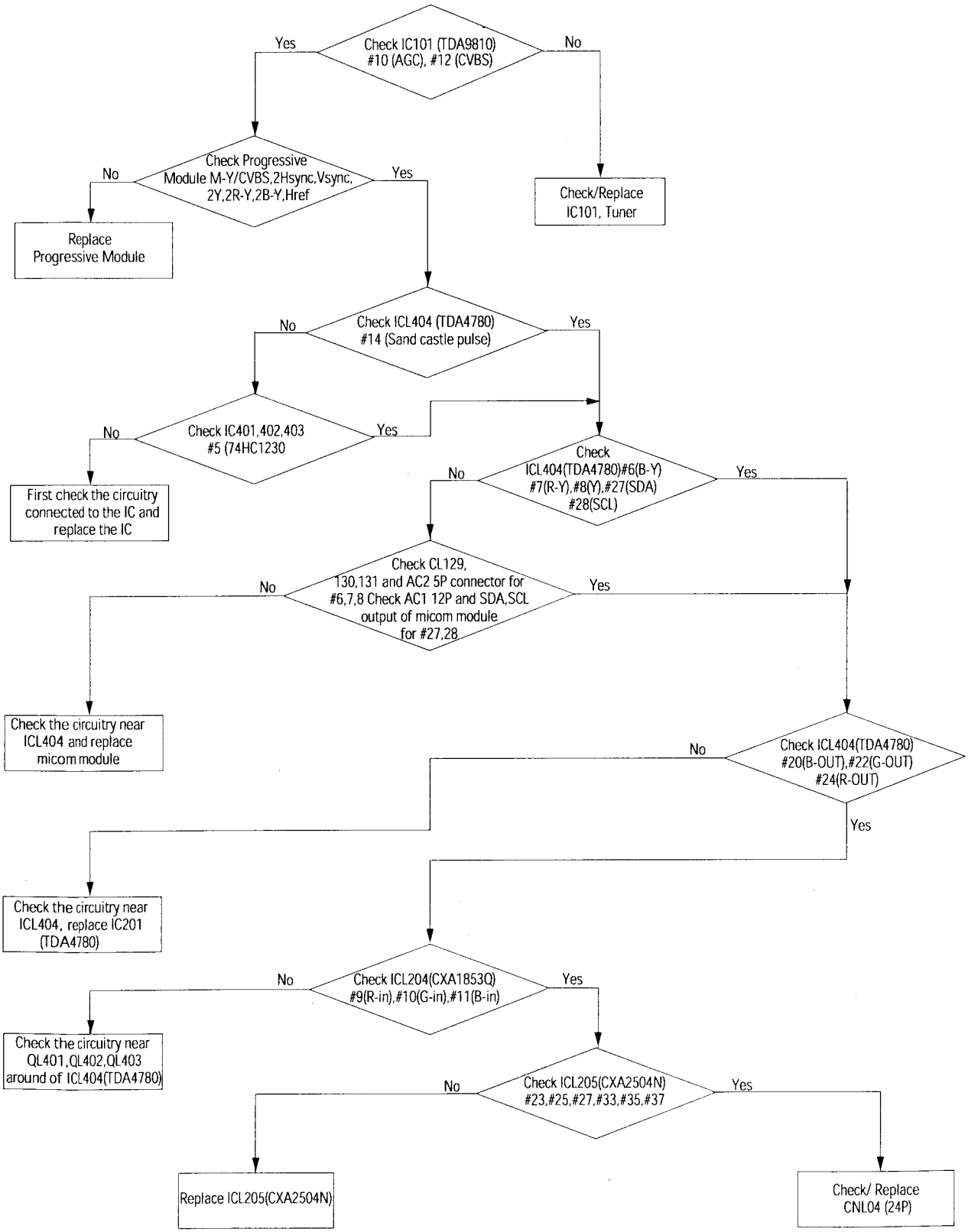
   (2) Move the joystick to left direction to decrease data.

4. Use the Power key to exit and store data in memory.

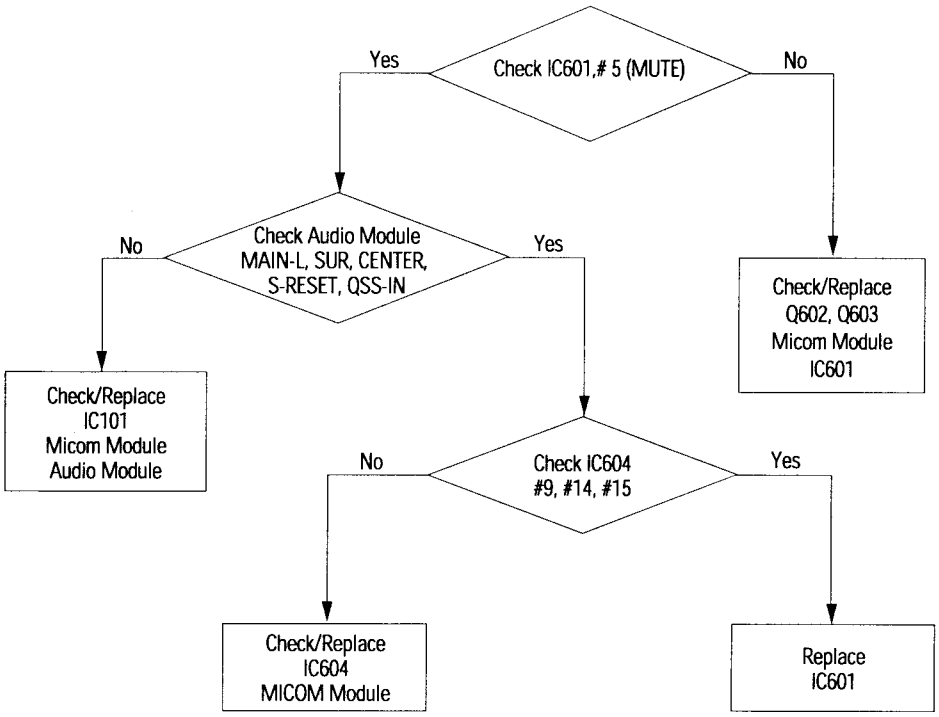
6-2 No Power


Check Stand-by 5V on the Main Board
Yes
No
See "6-5 No Standy"
Check SDA1/SCL1 on the Micom Module
Yes
Check LED Operation See "5-7 LED Display Check"
No
Check/Replace
Tuner
MICOM Module
AUDIO Module
A/V Terminal Board (TDA6920)
Progressive Module
LCD Control Board (TDA4780)

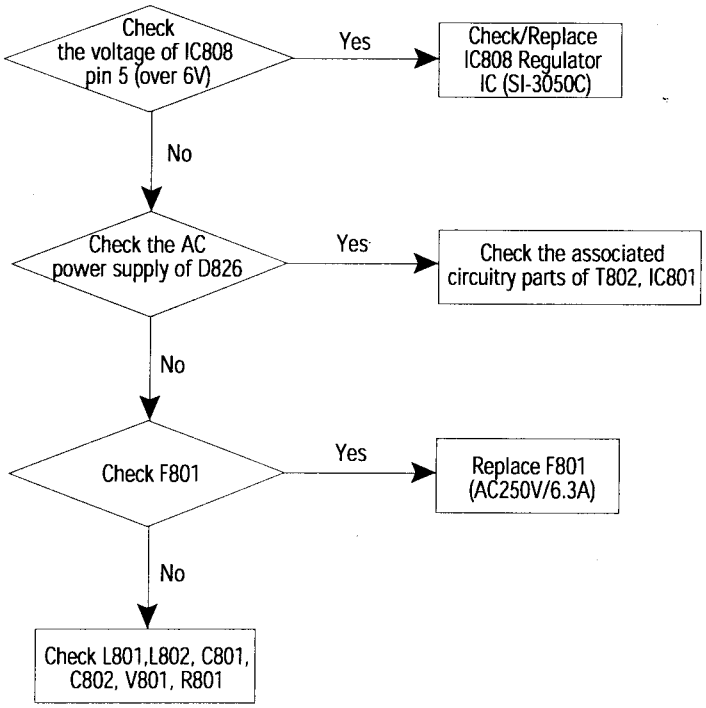
6-3 No Picture



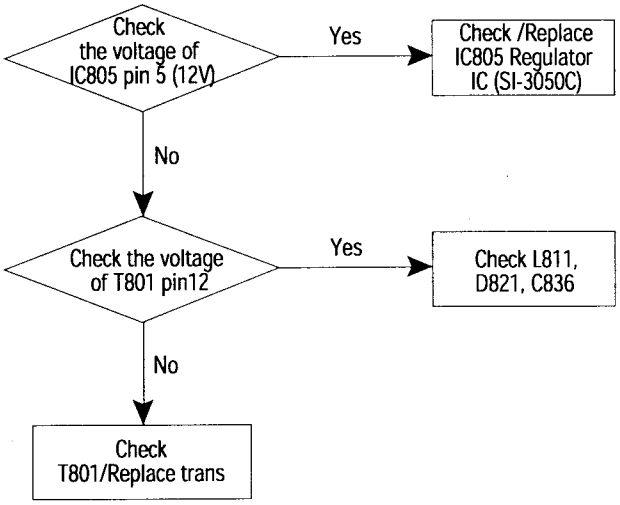
6-4 No Sound



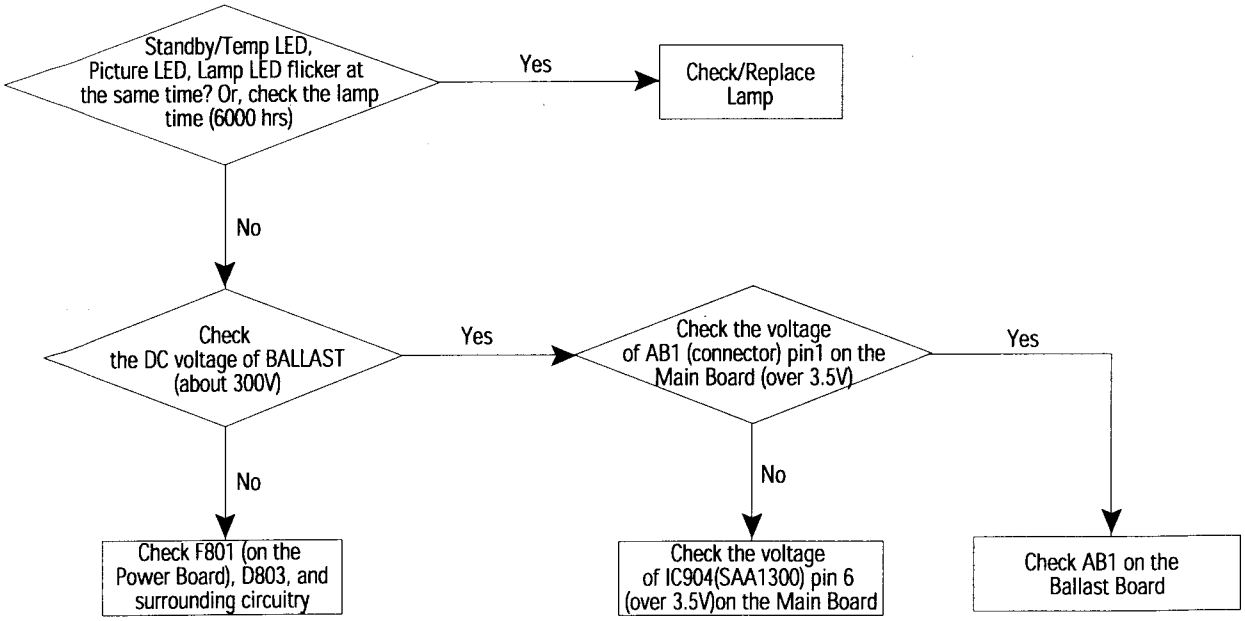
6-5 No Standby (+5V)



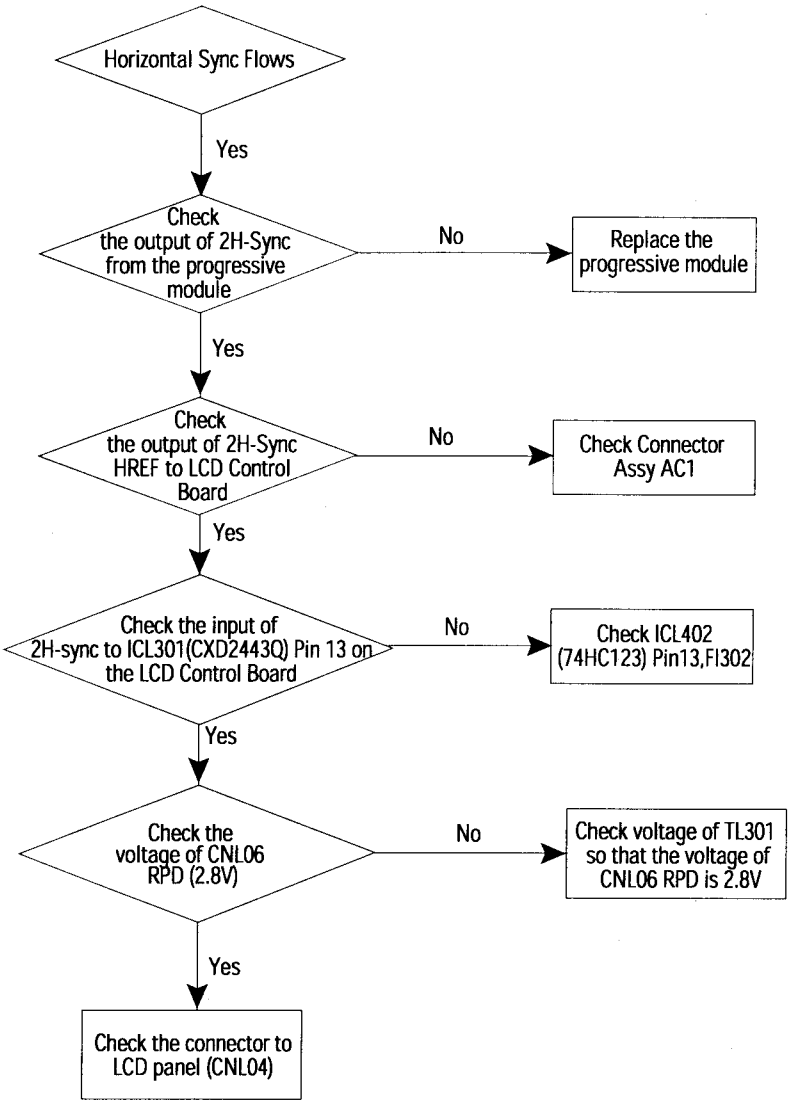
6-6 No FAN Voltage (+8V)



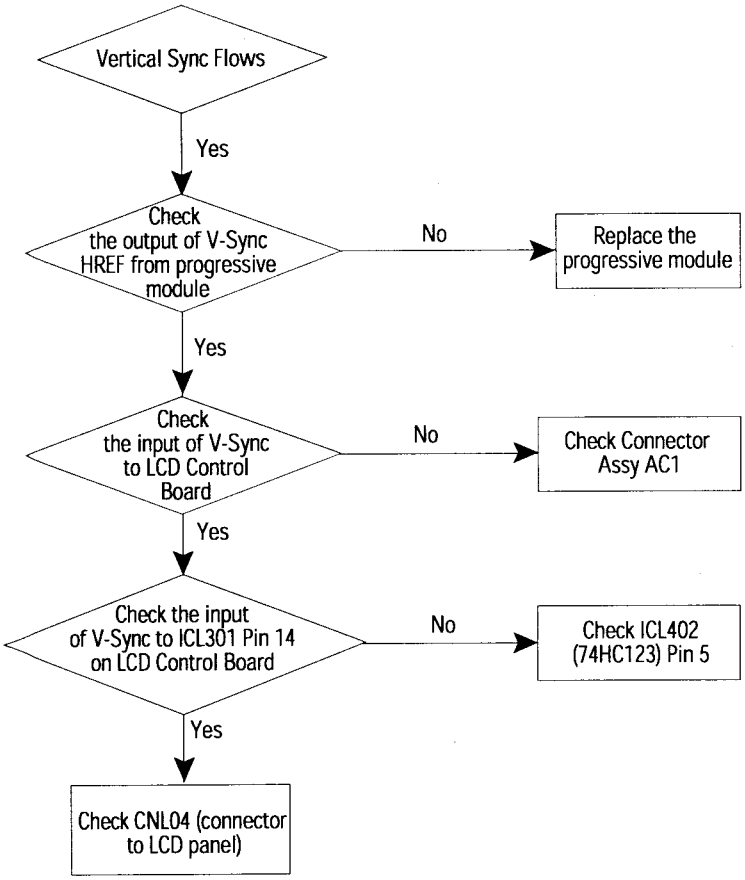
6-7 Lamp Does Not Work


Standby/Temp LED, Picture LED, Lamp LED flicker at the same time? Or, check the lamp time (6000 hrs)
Yes
Check/Replace Lamp
No
Check the DC voltage of BALLAST (about 300V)
Yes
Check the voltage of AB1 (connector) pin1 on the Main Board (over 3.5V)
Yes
No
Check F801 (on the Power Board), D803, and surrounding circuitry
No
Check the voltage of IC904(SAA1300) pin 6 (over 3.5V)on the Main Board
Check AB1 on the Ballast Board

6-8 Horizontal Sync Flows


Horizontal Sync Flows
Yes
Check the output of 2H-Sync from the progressive module
No
Replace the progressive module
Yes
Check the output of 2H-Sync HREF to LCD Control Board
No
Check Connector Assy AC1
Yes
Check the input of 2H-sync to ICL301(CXD2443Q) Pin 13 on the LCD Control Board
No
Check ICL402 (74HC123) Pin13,FI302
Yes
Check the voltage of CNL06 RPD (2.8V)
No
Check voltage of TL301 so that the voltage of CNL06 RPD is 2.8V
Yes
Check the connector to LCD panel (CNL04)

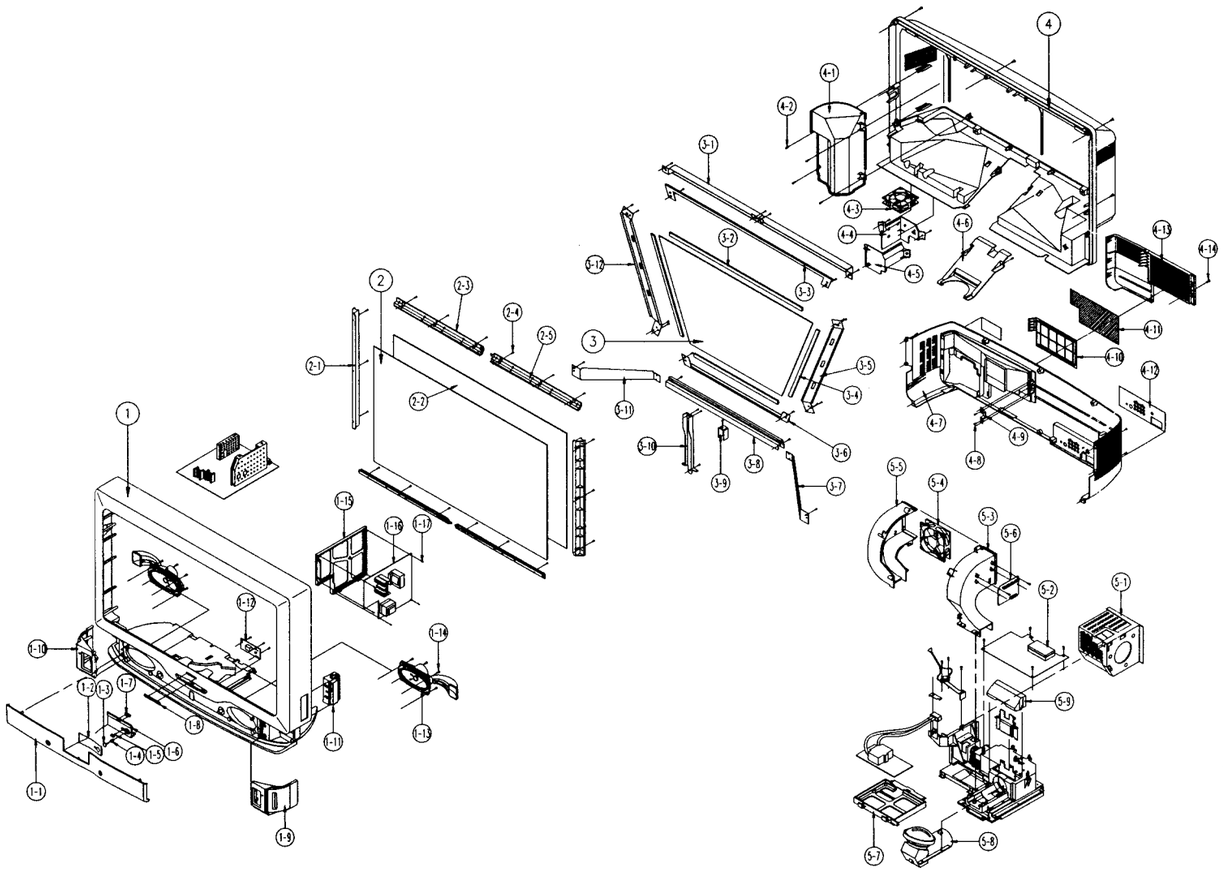
6-9 Vertical Sync Flows


Vertical Sync Flows
Yes
Check the output of V-Sync HREF from progressive module
No
Replace the progressive module
Yes
Check the input of V-Sync to LCD Control Board
No
Check Connector Assy AC1
Yes
Check the input of V-Sync to ICL301 Pin 14 on LCD Control Board
No
Check ICL402 (74HC123) Pin 5
Yes
Check CNL04 (connector to LCD panel)

MEMO

7. Exploded View & Parts List

7-1 SP40J5HAX/XET



No	Code No	Description;Specification	Q'ty	Remark
1	AA91-00311D	ASSY CABINET FRONT;-,40J5,LG807P GUJU T/	1	
1-1	AA63-00268A	COVER-GRILLE,ASSY;-,SP40J5P,JERSET 900F	1	
1-2	AA63-00251B	COVER-AL;-,40J5,CHAMP.GOLD PAL ML,AL,-,	1	
1-3	AA64-00847B	KNOB-POWER;-,40J5,DG906P NO-SILK,ABS,HB,	1	
1-4	AA61-60003J	SPRING-CS;-,SUS304,0.5,OD6,H12,N7,-,-,-	1	
1-5	AA64-00849B	WINDOW REMOCON;-,40J5,-,PC,VIOLET,-,-	1	
1-6	AA61-00365B	HOLDER-CONTROL;40J5,BLK,HB,-,LG807P PAL	1	
1-7	AA64-00850B	INDICATOR LED;-,40J5,-,ACRYL,-,CLEAR,-	1	
1-8	AA64-00406F	BADGE-BRAND;AL,LG-807P SAMSUNG,SILVER,7	1	
1-9	AA63-00249B	COVER-DUCT,R;-,40J5,DG703P,HIPS,HB,G4309	1	
1-10	AA63-00250B	COVER-DUCT,L;-,40J5,DG703P,HIPS,HB,G4309	1	
1-11	AA91-20056R	ASSY DOOR;-,ABS HB G3676,LG807P,40J5P PA	1	
1-12	AA95-00582A	ASSY-PCB,REMOCON;-,SP40J5HAX/XEF,M51A,-,	1	
1-13	AA91-60225A	ASSY-HOLDER,SPK;-,PP,HB,BLK,8R20W,168BR2	1	
1-14	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	8	
1-15	AA61-20217A	HOLDER-CHASSIS,P;-,SVP40LW,ABS,V0,GRY,-	1	
1-16	AA41-11006B	PCB-POWER;PLT51A,1L,CEM-1,245X245X1.6T,1	1	
1-17	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	4	
2	AA67-00060A	SUN-SCREEN;-,40W,H/C,A/S,PMMA,T=93%,T2.	1	
2-1	AA61-20215A	HOLDER-SCREEN,S;-,S40LW,HIPS,HB,BLK,-	2	
2-2	AA67-00058A	SCREEN-TINT;-,40W,-,PMMA,TINT=0%,T3.0,9	1	
2-3	AA61-20214B	HOLDER-SCREEN,T;-,SVP403J,HIPS,HB,BLK,-	2	
2-4	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	12	
2-5	AA61-20214B	HOLDER-SCREEN,T;-,SVP403J,HIPS,HB,BLK,-	2	
3	AA67-20024A	MIRROR-FRONT;40',GLASS,3,-,SURFACE,779x4	1	
3-1	AA61-10323A	BRACKET-FRONT,T;-,SVP-403J,SPC-1,T1.2,BL	1	
3-2	AA63-00021A	SPACER-MIRROR;PVC,-,BLK,-,SVP403J,-	1	
3-3	AA61-10339A	BRACKET-MIRROR,T;-,SVP-403J,SECC-1,T1.2,	1	
3-4	AA63-00021B	SPACER-MIRROR;PVC,-,BLK,-,SVP403J,-	3	
3-5	AA61-10343A	BRACKET-MIRROR,S;-,SVP-403J,SECC-1,T1.6,	1	
3-6	AA61-10338A	BRACKET-MIRROR,B;-,SVP-403J,SECC-1,T1.2,	1	
3-7	AA61-10341A	BRACKET-MIRROR,SUP;-,SVP-403J,SECC-1,T1.	1	
3-8	AA61-10337A	BRACKET-BACK,T;-,SVP-403J,SECC-1,T1.2,BL	1	
3-9	AA61-10344A	BRACKET-BACK,B;-,SVP-403J,SECC-1,T1.2,BL	1	
3-10	AA61-10371A	BRACKET-BACK,SUP(A);-,-,SECC,T1.2,BLK,-,	1	
3-11	AA61-10342A	BRACKET-MIRROR,S;-,SVP-403J,SECC-1,T1.6,	1	
3-12	AA61-10342A	BRACKET-MIRROR,S;-,SVP-403J,SECC-1,T1.6,	1	
4	AA64-30854F	CABINET-BACK,TOP;-,S403J,PAL,HIPS,V2,BL	1	
4-1	AA63-30130A	COVER-DUCT;-,SVP403J,-,HIPS,V0,BLK,-,-	1	
4-2	AA60-10008A	SCREW-TAPPING;TH,+,M3,L10,ZPC(YEL),SWRCH	4	
4-3	3103-001017	FAN-DC;12VDC,120mA,2200rpm,1m^3,2.3P	1	
4-4	AA63-30181A	COVER-DUCT,OUT(L);-,SVP-403J,-,ABS,V0,BL	1	
4-5	AA63-30180A	COVER-DUCT,OUT(R);-,SVP-403J,-,ABS,V0,BL	1	
4-6	AA63-30176A	COVER-LENS,A;-,SVP-403J,-,HIPS,V0,BLK,-,	1	
4-7	AA64-31012E	CABINET-BACK,BOT;-,S403J,-HIPS,V2,BLK,	1	
4-8	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	2	
4-9	AA61-10379A	BRACKET-COVER;-,SVP403J,SECC,T1.0,-,-,-	1	
4-10	AA61-20253A	HOLDER-SPONGE,A;-,SVP-403J,ABS,HB,BLK,-	1	
4-11	AA63-60112B	SPACER-SPONGE,DUCT;PU FORM,T5,BLK,-,SVP4	1	
4-12		DELETE ITEM		
4-13	AA63-30183E	COVER-FAN,A;-S403J,-,HIPS,V2,BLK,-,-	1	
4-14	6001-001003	SCREW-MACHINE;BH,+,M2.6,L6,ZPC(BLK),SWRC	1	
5	AA91-00242A	ASSY-LENS,MECHA;-,-,DS007,ST-43J6	1	

No	Code No	Description;Specification	Q'ty	Remark
5-1		ASSY-LAMP		
5-2	AA95-00506A	ASSY-PCB,LCD CONTROL;-,SP403JHA,PLT51A,-	1	
5-3	AA63-00198B	COVER-DUCT IN,R;-,40J3P,-,ABS,V0,BLK,-,-	1	
5-4	3103-001017	FAN-DC;12VDC,120mA,2200rpm,1m^3,2.3P	1	
5-5	AA63-00198B	COVER-DUCT IN,R;-,40J3P,-,ABS,V0,BLK,-,-	1	
5-6	AA95-00510A	ASSY-PCB,SUB;-,SP403JHP,M51A,-,-,-	1	
5-7	AA61-20252A	HOLDER-CHASSIS;-,ABS,V0,GRY,-,SVP-403J	1	
5-8	AA67-10047B	LENS-ASSY;40J5,GLASS,-,F1.5/19.4,-,T533,	1	
5-9	AA63-00199B	COVER-LCD;-,40J3P,-,ABS,V0,BLK,-,-	1	

8. Electric Parts List

8-1 SP40J5HAX/XEC(SP40J5HAX/XET and SP40J5HAX/XEC Dissimiler parts)

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark

ASSY PCB MAIN(OPT)

* AA94-02173E ASSY PCB MAIN(OPT);SP40J5HAX/XEC,M51A,SPAIN,SESA

ASSY ACCESSORY

AA68-00869A MANUAL USERS;M51A,W/P 100(G),56,B5,-,SPAIN,-
AA68-00872A MANUAL USERS;M51A,W/P 100(G),56,B5,-,PORTUGAL,-

8-2 SP40J5HAX/XEG(SP40J5HAX/XET and SP40J5HAX/XEC Dissimiler parts)

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark

ASSY PCB MAIN(OPT)

* AA94-02173K ASSY PCB MAIN(OPT);SP40J5HAX/XEG,
M51A,GERMANY,SEG

ASSY ACCESSORY

AA68-00865A MANUAL USERS;M51A,W/P 100(G),56,B5,-,ENG,-
AA68-00878A MANUAL USERS;M51A,W/P 100(G),56,B5,-,GERMANY,-

8-3 SP40J5HAX/XEP(SP40J5HAX/XET and SP40J5HAX/XEP Dissimiler parts)

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark

ASSY PCB MAIN(OPT)

* AA94-02173F ASSY PCB MAIN(OPT);SP40J5HAX/XEP,
M51A,PORTUGAL,SEP

ASSY ACCESSORY

AA68-00872A MANUAL USERS;M51A,W/P 100(G),56,B5,-,PORTUGAL,-

8-3 SP40J5HAX/XET Parts List

Loc. No.	Code No.	Description ; Specification	Remark

ASSY PCB MAIN(OPT)

*	AA94-02173C	ASSY PCB MAIN(OPT),SP40J5HAX/XET,M51A,IT	
AB1	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,STRAIGH	
AB1A	AA39-20516A	LEAD CONNECTOR-ASSY;-,-,-,3P,-,-,-,PHR-3	
AF5A	AA39-20025L	LEAD CONNECTOR-ASSY;-,-,-,-,-,-,-,-,67	
C101	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C103	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C104	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C105	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C107	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,-,5mm	
C108	2401-000667	C-AL;2.2uF,20%,50V,WT,TP,5x11,5	
C109	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
C111	2201-000292	C-CERAMIC,DISC;1nF,10%,50V,Y5P,TP,5x3.5,	
C112	2401-001192	C-AL;33uF,20%,50V,GP,TP,6.3x11,5	
C113	2201-000180	C-CERAMIC,DISC;10nF,10%,50V,Y5V,TP,7x3,5	
C114	2201-000292	C-CERAMIC,DISC;1nF,10%,50V,Y5P,TP,5x3.5,	
C115	2201-000180	C-CERAMIC,DISC;10nF,10%,50V,Y5V,TP,7x3,5	
C116	2401-001176	C-AL;33uF,20%,25V,GP,TP,5x11,5	
C117	2201-000982	C-CERAMIC,DISC;10nF,+80-20%,50V,Y5V,TP,4	
C119	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
C120	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
C121	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
C200G	2203-000578	C-CERAMIC,CHIP;220nF,20%,50V,Y5V,TP,3216	
C201	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C203	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C204	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C205	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C206	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C207	2203-000578	C-CERAMIC,CHIP;220nF,20%,50V,Y5V,TP,3216	
C208	2203-000578	C-CERAMIC,CHIP;220nF,20%,50V,Y5V,TP,3216	
C209	2203-000578	C-CERAMIC,CHIP;220nF,20%,50V,Y5V,TP,3216	
C211	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C212	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
C213	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C214	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
C215	2203-001172	C-CERAMIC,CHIP;0.006nF,0.25pF,50V,NP0,TP	
C216	2203-001172	C-CERAMIC,CHIP;0.006nF,0.25pF,50V,NP0,TP	
C217	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C218	2203-000753	C-CERAMIC,CHIP;330nF,+80-20%,50V,Y5V,TP,	
C219	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C21H	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C220	2401-001496	C-AL;47uF,20%,16V,GP,TP,5x7,5	
C221	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C222	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
C223	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C224	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
C225	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
C226	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C227	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
C228	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C229	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
C230	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C233	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C234	2401-002235	C-AL;10uF,20%,16V,GP,TP,5x11mm,5mm	
C236	2401-002235	C-AL;10uF,20%,16V,GP,TP,5x11mm,5mm	
C237	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C239	2203-000753	C-CERAMIC,CHIP;330nF,+80-20%,50V,Y5V,TP,	
C243	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C244	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C245	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C246	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5	
C247	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C248	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C249	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C250	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C251	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C252	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C253	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C254	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C255	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C256	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C257	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C258	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C259	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C260	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C262	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5	
C263	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C264	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C265	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C266	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C267	2201-000146	C-CERAMIC,DISC;0.1nF,5%,50V,SL,TP,5x3.5,	
C267	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C268	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C269	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C270	2201-000375	C-CERAMIC,DISC;0.22nF,5%,50V,RH,TP,12.5x	
C270	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5	
C271	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C272	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C273	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
C274	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C275	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C276	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C277	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C278	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C279	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C280	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C281	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C282	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012	
C283	2203-000142	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,2012	
C290	2201-000376	C-CERAMIC,DISC;0.22nF,5%,50V,SL,TP,6.3x3	
C296	2201-000558	C-CERAMIC,DISC;0.47nF,10%,50V,Y5P,TP,5x3	
C402	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C404	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C409	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
C414	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012	
C415	2203-001002	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,201	
C416	2203-001002	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,201	
C421	2203-001002	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,201	
C428	2401-000914	C-AL;22uF,20%,16V,GP,TP,5x11,5	
C601	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C602	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C603	2401-000192	C-AL;1000uF,20%,50V,GP,TP,16x25,7.5	
C603	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
C604	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5	
C604	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
C605	2401-000192	C-AL;1000uF,20%,50V,GP,TP,16x25,7.5	
C605	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
C606	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5	
C606	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C607	2401-000737	C-AL;2200uF,20%,50V,GP,TP,18x35.5,7	
C608	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5	
C609	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C610	2401-001192	C-AL;33uF,20%,50V,GP,TP,6.3x11,5	
C610	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C611	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C611	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C612	2203-000716	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,2012	
C613	2203-000716	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,2012	
C614	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
C615	2203-000595	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,2012	
C616	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
C617	2203-000142	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,2012	
C618	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C619	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C620	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C621	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C622	2203-000701	C-CERAMIC,CHIP;0.002nF,0.25pF,50V,NP0,TP	
C623	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5	
C623	2203-000701	C-CERAMIC,CHIP;0.002nF,0.25pF,50V,NP0,TP	
C624	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
C624	2203-001077	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,201	

Loc. No.	Code No.	Description ; Specification	Remark
C625	2203-001077	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,201	
C626	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
C627	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
C628	2203-000142	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,2012	
C629	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
C629	2203-001077	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,201	
C630	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
C631	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C632	2401-002229	C-AL;470nF,20%,50V,WT,TP,5x11,5	
C633	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
C633	2401-002229	C-AL;470nF,20%,50V,WT,TP,5x11,5	
C634	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C634	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C635	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
C635	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C636	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
C636	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C637	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
C637	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
C638	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
C638	2401-002235	C-AL;10uF,20%,16V,GP,TP,5x11mm,5mm	
C639	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
C639	2401-002235	C-AL;10uF,20%,16V,GP,TP,5x11mm,5mm	
C640	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
C641	2301-000395	C-FILM,PEF;18nF,5%,50V,TP,6.5x12.5x3.5mm	
C641	2203-000142	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,2012	
C642	2301-000395	C-FILM,PEF;18nF,5%,50V,TP,6.5x12.5x3.5mm	
C642	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
C643	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
C644	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
C645	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
C646	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
C647	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
C648	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
C649	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
C650	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C651	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
C653	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C654	2401-002229	C-AL;470nF,20%,50V,WT,TP,5x11,5	
C655	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C656	2401-002229	C-AL;470nF,20%,50V,WT,TP,5x11,5	
C657	2401-002229	C-AL;470nF,20%,50V,WT,TP,5x11,5	
C658	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C659	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C660	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C661	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C662	2401-002229	C-AL;470nF,20%,50V,WT,TP,5x11,5	
C663	2401-002229	C-AL;470nF,20%,50V,WT,TP,5x11,5	
C664	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C665	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C666	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
C667	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C668	2401-002229	C-AL;470nF,20%,50V,WT,TP,5x11,5	
C669	2401-002229	C-AL;470nF,20%,50V,WT,TP,5x11,5	
C670	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C679	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C680	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C681	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C682	2203-002392	C-CERAMIC,CHIP;220nF,+80-20%,50V,Y5V,TP,	
C683	2203-002392	C-CERAMIC,CHIP;220nF,+80-20%,50V,Y5V,TP,	
C684	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
C685	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
C688	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
C691	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
C692	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C694	2401-002212	C-AL;10uF,20%,25V,WT,TP,5x11,5	
C695	2203-002442	C-CERAMIC,CHIP;330nF,+80-20%,25V,Y5V,TP,	
C696	2203-000170	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C697	2203-000170	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C831	2401-002231	C-AL;470uF,20%,50V,WT,TP,13x20mm,5m	
C832	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C833	2401-003034	C-AL;220uF,20%,16V,WT,TP,8x11.5,5	
C835	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C836	2401-002231	C-AL;470uF,20%,50V,WT,TP,13x20mm,5m	
C837	2401-001101	C-AL;330uF,20%,16V,GP,TP,8x11.5,5	
C838	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C839	2401-003034	C-AL;220uF,20%,16V,WT,TP,8x11.5,5	

Loc. No.	Code No.	Description ; Specification	Remark
C840	2401-003034	C-AL;220uF,20%,16V,WT,TP,8x11.5,5	
C841	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C842	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
C843	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C851	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C852	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C863	2401-002597	C-AL;220uF,20%,35V,GP,TP,10x12.5,5	
C864	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C866	2401-002273	C-AL;220uF,20%,25V,HR,TP,10x20mm,5m	
C870	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C901	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
C901	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C902	2401-000914	C-AL;22uF,20%,16V,GP,TP,5x11,5	
C902	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C903	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm	
C903	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C904	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
C905	2301-000356	C-FILM,PEF;47nF,5%,50V,TP,7.5x4.0x6.5,5m	
C907	2305-000411	C-FILM,MPEF;470nF,5%,50V,TP,7.3x4.8x5.5m	
C907	2203-000858	C-CERAMIC,CHIP;0.039nF,5%,50V,NP0,TP,201	
C908	2203-000858	C-CERAMIC,CHIP;0.039nF,5%,50V,NP0,TP,201	
C909	2305-000411	C-FILM,MPEF;470nF,5%,50V,TP,7.3x4.8x5.5m	
C909	2401-002235	C-AL;10uF,20%,16V,GP,TP,5x11mm,5mm	
C910	2401-001469	C-AL;47uF,20%,10V,GP,TP,5x11,5	
C911	2305-000411	C-FILM,MPEF;470nF,5%,50V,TP,7.3x4.8x5.5m	
C911	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C917	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C918	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
C919	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C920	2401-001469	C-AL;47uF,20%,10V,GP,TP,5x11,5	
C921	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C922	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C923	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C924	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C928	2401-001469	C-AL;47uF,20%,10V,GP,TP,5x11,5	
C929	2401-001469	C-AL;47uF,20%,10V,GP,TP,5x11,5	
C930	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C931	2401-000934	C-AL;22uF,20%,25V,BP,TP,8x11.5,5	
C932	2203-000753	C-CERAMIC,CHIP;330nF,+80-20%,50V,Y5V,TP,	
C999	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
CB1	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
CD601	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CD602	2203-000142	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,2012	
CD603	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
CD604	2203-000595	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,2012	
CD605	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
CD606	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
CD607	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
CD608	2203-000142	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,2012	
CD609	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CD610	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
CD611	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CD612	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
CD613	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
CD615	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
CD616	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CD618	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CD619	2401-002235	C-AL;10uF,20%,16V,GP,TP,5x11mm,5mm	
CD620	2401-002235	C-AL;10uF,20%,16V,GP,TP,5x11mm,5mm	
CD621	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
CD622	2203-000142	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,2012	
CD623	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
CD624	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,2012	
CD625	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
CD626	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,2012	
CD627	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
CD628	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CD629	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
CD630	2203-002442	C-CERAMIC,CHIP;330nF,+80-20%,25V,Y5V,TP,	
CDB1	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
CF01	2203-000555	C-CERAMIC,CHIP;0.02nF,5%,50V,NP0,TP,2012	
CF02	2203-000555	C-CERAMIC,CHIP;0.02nF,5%,50V,NP0,TP,2012	
CF03	2203-000555	C-CERAMIC,CHIP;0.02nF,5%,50V,NP0,TP,2012	
CF09	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
CN203	3711-001283	CONNECTOR-HEADER;NOWALL,14P,1R,2.5mm,ANG	
CN204	3711-001283	CONNECTOR-HEADER;NOWALL,14P,1R,2.5mm,ANG	
CN205	3711-003543	CONNECTOR-HEADER;NOWALL,16P,1R,2.54MM,AN	

Loc. No.	Code No.	Description ; Specification	Remark
CN206	3711-001283	CONNECTOR-HEADER;NOWALL,14P,1R,2.5mm,ANG	
CN601A	3711-003626	CONNECTOR-HEADER;NOWALL,20P,1R,2.5mm,ANG	
CN602A	3711-003626	CONNECTOR-HEADER;NOWALL,20P,1R,2.5mm,ANG	
CN704A	3710-001208	CONNECTOR-SOCKET;32P,2R,2.54mm,STRAIGHT,	
CN705A	3710-001208	CONNECTOR-SOCKET;32P,2R,2.54mm,STRAIGHT,	
CNM01	3711-002645	CONNECTOR-HEADER;BOX,6P,1R,2.5MM,STRAIGH	
CNM02	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
CNM08	3711-001054	CONNECTOR-HEADER;BOX,6P,1R,2.5mm,STRAIGH	
CNM09	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
CNM09A	AA39-20032G	LEAD CONNECTOR-ASSY;-,67096-012,5,12P,50	
CNM10	3711-002645	CONNECTOR-HEADER;BOX,6P,1R,2.5MM,STRAIGH	
CNM10A	AA39-20038F	LEAD CONNECTOR-ASSY;-,-,-,6P,-,-,-,67096	
CNM11	3711-002641	CONNECTOR-HEADER;BOX,10P,1R,2.54mm,STRAI	
CNM11A	AA39-20025E	LEAD CONNECTOR-ASSY;-,67096-010,S,10P,40	
CNM12	3711-000900	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
CNM13	3711-002643	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH	
CNM14	3711-003359	CONNECTOR-HEADER;BOX,10P,1R,2.5mm,STRAIG	
CNM15	3711-002641	CONNECTOR-HEADER;BOX,10P,1R,2.54mm,STRAI	
CNU01	3711-003543	CONNECTOR-HEADER;NOWALL,16P,1R,2.54MM,AN	
CNU02	3711-002709	CONNECTOR-HEADER;NOWALL,12P,1R,2.5MM,ANG	
CNU03	3711-003543	CONNECTOR-HEADER;NOWALL,16P,1R,2.54MM,AN	
CT01	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CT02	2401-002235	C-AL;10uF,20%,16V,GP,TP,5x11mm,5mm	
CT04	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
CT05	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
CT06	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
CT07	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
CT10	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
CT11	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
CT12	2203-000634	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,201	
CT13	2203-001077	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,201	
CT15	2203-000818	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,201	
CT16	2203-000818	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,201	
CT17	2401-002235	C-AL;10uF,20%,16V,GP,TP,5x11mm,5mm	
CT18	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CT19	2203-000353	C-CERAMIC,CHIP;0.15nF,10%,50V,NP0,TP,201	
D101	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D103	0401-001088	DIODE-SWITCHING;BAW76,50V,300mA,DO-35,TP	
D104	0401-001088	DIODE-SWITCHING;BAW76,50V,300mA,DO-35,TP	
D205	0403-000716	DIODE-ZENER;MTZJ4.7B,4.7V,4.55-4.8V,500m	
D601	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D601	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
D602	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D602	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
D603	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D603	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D604	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D604	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D605	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
D605	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D606	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
D606	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D901	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D901	0403-000689	DIODE-ZENER;DTZ5.1A,5.1V,4.84-5.04V,200m	
D902	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
D902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
D903	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
DZ102	1203-000451	IC-VOLTAGE REGULATOR;33,TO-92,3P,-,PLAST	
DZ201	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
DZ202	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
DZ203	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
DZ205	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
DZ603	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
DZ604	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
DZ901	0403-001331	DIODE-ZENER;MTZJ6.8A,6.29-6.63V,500mW,DO	
DZ902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
FI102	2904-000301	FILTER-SAW AV;38.9MHz,SIP5K,ST,16dB,B/G,	
FI103	2903-000181	FILTER-CERAMIC;BR,5.5MHz,-,-,-,TP,TPS5.5	
FI105	2904-000302	FILTER-SAW AV;38.9MHz,SIP5K,ST,15.4dB,B/	
⚠ IC101	1204-001276	IC-SOUND PROCESSOR;TDA9810,DIP,24P,400MI	
⚠ IC201	1205-001172	IC-INTERFACE;CIP3250A-B1,PLCC,68P,-,PLAS	
⚠ IC202	1204-001362	IC-VIDEO PROCESS;VPC3215C-B8,PLCC,43P,-,	
⚠ IC203	1203-000346	IC-VOL. SUPERVISORY;7705,SOP,8P,150MIL,P	
⚠ IC204	1002-001045	IC-D/A CONVERTER;9280,8BIT,PLCC,68P,-,-,	
⚠ IC206	1204-001188	IC-VERTICAL PROCESSO;SDA9272,QFP,208P,28	
⚠ IC207	1105-001071	IC-DRAM;9253,212x64BIT,QFP,64P,17.2MIL	
⚠ IC208	1105-001071	IC-DRAM;9253,212x64BIT,QFP,64P,17.2MIL	

Loc. No.	Code No.	Description ; Specification	Remark
⚠ IC212	0803-000123	IC-TTL;74F125,BUFFER,SOP,14P,150MIL,Q	
⚠ IC601	1201-001026	IC-POWER AMP;7265,ZIP,11P,19.6MIL,DUAL,1	H/SINK
⚠ IC601	1204-001163	IC-SOUND PROCESSOR;MSP3410D-B4,PLCC,68P,	
⚠ IC602	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	
⚠ IC603	1201-000407	IC-POWER AMP;7050,DIP,8P,-,SINGLE,-,PLAS	
⚠ IC604	0801-000961	IC-CMOS LOGIC;4053,MUTIPLEXER,DIP,16P,30	
⚠ IC604	1201-000541	IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P	
⚠ IC802	1203-000203	IC-POSI.ADJUST REG.;3050,TO-220,5P,-,PLA	H/SINK
⚠ IC803	1203-000203	IC-POSI.ADJUST REG.;3050,TO-220,5P,-,PLA	H/SINK
⚠ IC805	1203-000293	IC-POSI.FIXED REG.;7808,TO-220,3P,-,PLAS	
⚠ IC806	1203-000298	IC-POSI.FIXED REG.;7809,TO-220,3P,-,PLAS	
⚠ IC901	AA13-30013H	IC-MCU;SDA30C264,-,TP,-,64P,SDIP,16MH	
⚠ IC902	1103-001043	IC-EEPROM;24C16,2Kx8BIT,DIP,8P,300MIL,10	
⚠ IC903	1102-001010	IC-EPROM;27C040,512Kx8BIT,DIP,32P,600MI	
⚠ IC904	1001-001038	IC-ANALOG SWITCH;SAA1300,-,SOT-142,9P,-,	
⚠ IC905	0904-001121	IC-I/O SUPPORT CHIP;8574,8BIT,DIP,16P,30	
⚠ ICD601	1204-001198	IC-DECODER;DPL3519A-A2,PLCC,68P,-,PLASTI	
⚠ ICD602	1201-000541	IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P	
⚠ ICT01	1204-001626	IC-HOR./VER.PROCESSO;SDA5273-2P,PLCC,68P	
⚠ ICT02	1105-001140	IC-DRAM;44C1004,1Mx4BIT,SOP,20P,300MIL	
L101	AA26-10006G	TRANS-IF;-,7mG,VIF,-,7mm,8pF,77.8MHz,ST	
L104	2701-000101	INDUCTOR-AXIAL;1.2uH,10%,2.5x3.4mm	
L105	2701-000120	INDUCTOR-AXIAL;12uH,10%,2.5x3.4mm	
L106	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L107	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L108	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L109	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
L110	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
L113	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L201	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
L201	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
L202	2701-000142	INDUCTOR-AXIAL;1uH,10%,2.5x3.4mm	
L203	2701-000142	INDUCTOR-AXIAL;1uH,10%,2.5x3.4mm	
L204	2701-000142	INDUCTOR-AXIAL;1uH,10%,2.5x3.4mm	
L205	2701-000142	INDUCTOR-AXIAL;1uH,10%,2.5x3.4mm	
L206	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
L207	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
L208	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L211	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L212	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L213	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L214	2701-000116	INDUCTOR-AXIAL;10uH,10%,4.2x9.8mm	
L215	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L216	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L217	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L218	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L220	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L230	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L232	2701-000146	INDUCTOR-AXIAL;2.2uH,10%,2.5x3.4mm	
L233	2701-000146	INDUCTOR-AXIAL;2.2uH,10%,2.5x3.4mm	
L236	2701-000146	INDUCTOR-AXIAL;2.2uH,10%,2.5x3.4mm	
L276	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
L277	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
L278	2701-000146	INDUCTOR-AXIAL;2.2uH,10%,2.5x3.4mm	
L290	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
L291	2701-000159	INDUCTOR-AXIAL;22uH,10%,4.2x9.8mm	
L292	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L601	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
L601	2701-000170	INDUCTOR-AXIAL;3.9uH,10%,3x7mm	
L602	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
L602	2701-000170	INDUCTOR-AXIAL;3.9uH,10%,3x7mm	
L603	2701-000112	INDUCTOR-AXIAL;100uH,10%,3x7mm	
L901	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L901	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L902	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
L903	2701-000116	INDUCTOR-AXIAL;10uH,10%,4.2x9.8mm	
LD601	2701-000170	INDUCTOR-AXIAL;3.9uH,10%,3x7mm	
LD602	2701-000112	INDUCTOR-AXIAL;100uH,10%,3x7mm	
LD603	2701-000170	INDUCTOR-AXIAL;3.9uH,10%,3x7mm	
LF01	2001-000210	R-CARBON;0ohm,5%,1/8W,AA,TP,1.8x3.2mm	
LF02	2001-000210	R-CARBON;0ohm,5%,1/8W,AA,TP,1.8x3.2mm	
LI01	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
LI02	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
LI03	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
LI04	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
LI05	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
LI06	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	

Loc. No.	Code No.	Description ; Specification	Remark
LI07	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
LI08	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
LI09	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
LI10	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
P803A	AA39-20515A	LEAD CONNECTOR-ASSY;-,-,-,3(2)P,-,-,-,YH	
PCB	AA41-11005E	PCB-MAIN;M51A,1L,CEM-1,330x245x1.6T,1A,	
PCB	AA41-00087A	PCB-AUDIO;PLT51A,2L,FR-4,180X245X1.6T,3A	
PCB	AA41-10974A	PCB-MICOM;PLT51A,2L,FR-4,245x180x1.6T,A3	
PCB	AA41-11016E	PCB-PROSCAN;PLT51A,4L,FR-4,245X205X1.6T,	
Q101	0504-000137	TR-DIGITAL;KSR1202,NPN,300mW,10K/10K,TO-	
Q102	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
Q104	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
Q105	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
Q203	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
Q602	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
Q603	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
Q604	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q605	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q606	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q607	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q901	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
Q901	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q902	0504-000117	TR-DIGITAL;KSR1002,NPN,300MW,10K/10K,TO-	
Q902	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q903	0504-000117	TR-DIGITAL;KSR1002,NPN,300MW,10K/10K,TO-	
Q903	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q904	0504-000117	TR-DIGITAL;KSR1002,NPN,300MW,10K/10K,TO-	
Q904	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q905	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
QT01	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
R1	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R101	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R102	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R105	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R106	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R107	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R109	2001-000490	R-CARBON;200OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R11	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R110	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R111	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R113	2001-001138	R-CARBON(S);390OHM,5%,1/2W,AA,TP,2.4X6.4	
R116	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R121	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R122	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R123	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R124	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R126	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R13	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R15	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R16	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R18	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R20	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R211	2001-000019	R-CARBON(S);10OHM,5%,1/2W,AA,TP,2.4X6.4M	
R212	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R213	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R215	2007-000380	R-CHIP;13KOHM,5%,1/10W,DA,TP,2012	
R216	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R217	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
R218	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
R219	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
R22	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R220	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
R221	2007-001055	R-CHIP;6.2KOHM,5%,1/10W,DA,TP,2012	
R222	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R223	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R224	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R225	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R226	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R227	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R228	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R229	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R230	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R231	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R232	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R234	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R235	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R236	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R237	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R238	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R24	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R242	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R250	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R251	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R252	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R26	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R266	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
R267	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
R268	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R268	2007-000593	R-CHIP;22OHM,5%,1/10W,DA,TP,2012	
R269	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R269	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R28	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R3	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R30	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R302	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R303	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R304	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R404	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R405	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R406	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R440	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R441	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R443	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R444	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R446	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R447	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R451	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R453	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R454	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R455	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R457	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R5	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R54	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R55	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R56	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R57	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R601	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
R602	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
R603	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
R603	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R604	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
R604	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R605	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R605	2007-000881	R-CHIP;4.7OHM,5%,1/10W,DA,TP,2012	
R606	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
R606	2007-000881	R-CHIP;4.7OHM,5%,1/10W,DA,TP,2012	
R607	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R607	2001-001105	R-CARBON(S);20OHM,5%,1/2W,AA,TP,2.4X6.4M	
R608	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R608	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R609	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R609	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R610	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R611	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R612	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
R613	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
R614	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R617	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R618	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R619	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R620	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R621	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R621	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R622	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R622	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R623	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R623	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
R624	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R624	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
R625	2001-001053	R-CARBON(S);1.5OHM,5%,1/2W,AA,TP,2.4X6.4	
R625	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
R626	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R626	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	

Loc. No.	Code No.	Description ; Specification	Remark
R630	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
R631	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
R632	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R633	2001-001124	R-CARBON(S);3.9OHM,5%,1/2W,AA,TP,2.4X6.4	
R633	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R634	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R635	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R636	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R637	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R638	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R639	2007-000001	R-CHIP;68KOHM,5%,1/10W,DA,TP,2012	
R640	2007-000001	R-CHIP;68KOHM,5%,1/10W,DA,TP,2012	
R641	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R641	2007-000001	R-CHIP;68KOHM,5%,1/10W,DA,TP,2012	
R642	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R642	2007-000001	R-CHIP;68KOHM,5%,1/10W,DA,TP,2012	
R643	2007-000001	R-CHIP;68KOHM,5%,1/10W,DA,TP,2012	
R644	2007-000001	R-CHIP;68KOHM,5%,1/10W,DA,TP,2012	
R645	2007-000001	R-CHIP;68KOHM,5%,1/10W,DA,TP,2012	
R646	2007-000001	R-CHIP;68KOHM,5%,1/10W,DA,TP,2012	
R647	2007-000328	R-CHIP;11KOHM,5%,1/10W,DA,TP,2012	
R648	2007-000328	R-CHIP;11KOHM,5%,1/10W,DA,TP,2012	
R65	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R651	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R652	2007-000221	R-CHIP;1.2KOHM,5%,1/10W,DA,TP,2012	
R653	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R655	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R656	2007-000221	R-CHIP;1.2KOHM,5%,1/10W,DA,TP,2012	
R657	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R66	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R660	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R661	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R664	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
R665	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
R666	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R669	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
R67	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R670	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
R671	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R672	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
R673	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
R674	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R675	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R68	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R7	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R9	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R901	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R901	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R902	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R902	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R903	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R903	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R904	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R904	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R905	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R906	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R907	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R907	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R908	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R908	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R909	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R909	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R910	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R910	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R911	2001-001097	R-CARBON(S);2.4KOHM,5%,1/2W,AA,TP,2.4X6.	
R911	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R912	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R912	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R913	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R913	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R914	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R914	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R915	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
R915	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R916	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
R916	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R917	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	

Loc. No.	Code No.	Description ; Specification	Remark
R917	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R918	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R919	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R920	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R921	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R922	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	
R923	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R924	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R925	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R925	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R926	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R926	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R927	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R927	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R928	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R928	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R929	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R929	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R930	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R930	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R932	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	
R933	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R935	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R936	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R937	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	
R938	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R952	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R953	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R954	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R955	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R956	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R957	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R958	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RB1	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
RB2	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
RB3	2007-000328	R-CHIP;11KOHM,5%,1/10W,DA,TP,2012	
RB4	2007-000328	R-CHIP;11KOHM,5%,1/10W,DA,TP,2012	
RD601	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RD602	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
RD604	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
RD605	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
RD610	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
RD611	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
RD627	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
RDB1	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
RDB2	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
RDB3	2007-000328	R-CHIP;11KOHM,5%,1/10W,DA,TP,2012	
RDB4	2007-000328	R-CHIP;11KOHM,5%,1/10W,DA,TP,2012	
RF01	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RF02	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RF03	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RF04	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL405	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
RT01	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RT02	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
RT03	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
RT04	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
RT05	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
RT06	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RT07	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RT08	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RT09	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RT11	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
RT12	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
RT13	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
RT14	2007-001118	R-CHIP;680OHM,5%,1/10W,DA,TP,2012	
RT15	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
RT16	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
RT17	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
S/CASE	AA63-40279A	SHIELD-CASE-IF;-,SPTE,T0.25,SCT53A,CW764	
⚠ TU01	AA40-10006M	TUNER-F/S;TECC2949PG29A(S),PAL-B/G,TR,18	
VR101	2103-000672	VR-SEMI;20Kohm,25%,1/5W,TOP	
VR102	2103-000676	VR-SEMI;50Kohm,25%,1/5W,TOP	
X201	2801-003432	CRYSTAL-UNIT;20.25MHZ,30PPM,28-AAM,13PF,	
X601	2801-000186	CRYSTAL-UNIT;18.432MHz,25ppm,28-AAM,8pF,	
X901	2801-001476	CRYSTAL-UNIT;12.0MHz,50ppm,28-ABQ,S,30oh	
XT01	2802-000121	RESONATOR-CERAMIC;20.48MHz,0.5%,TP,10.0x	

Loc. No.	Code No.	Description ; Specification	Remark
Z601	0403-001317	DIODE-ZENER;MTZJ3.0B,3.01-3.22V,500mW,DO	
	AA95-00197A	ASSY-PCB,AUDIO;-,SP403JHA,PLT51A,-,-,-	
	AA63-40273A	SHIELD-CASE;-,SPTE,T0.5,-,CX724AHD	
	AA95-00198A	ASSY-PCB,MICOM;-,SP403JHP,M51A,-,-,-	
	AA63-40273A	SHIELD-CASE;-,SPTE,T0.5,-,CX724AHD	
	AA95-00301A	ASSY-PCB,PROSCON;-,SP403JHAX/THO,PLT51A,	
	AA63-40272A	SHIELD-CASE;-,SPTE,T0.5,-,CX724AHD	
	AA65-30010A	CLAMP-WIRE;NYLON-66,V0,NTR,-,-,-	
	3301-001326	CORE-FERRITE;AE,12X53X2.5MM,-,-	
	3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	

ASSY-CABINET,BACK

*	AA91-00040E	ASSY-CABINET,BACK;-,V2 BLK,PAL,SP-403JHA	
BC+CBB	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
	AA64-60411C	INLAY-LAMP;PLH403W,-,PS-SHEET,T0.5,-,-,-	
	AA64-31012E	CABINET—BACK,BOT;-,S403J,-,HIPS,V2,BLK,	
	AA63-60123C	SPACER-SPONGE,LCD;SPONGE,-,V0 BLK,-,SVP-	
	AA63-60112B	SPACER-SPONGE,DUCT;PU FORM,T5,BLK,-,SVP4	
	AA63-30183E	COVER—FAN,A;-,S403J,-,HIPS,V2,BLK,-,-	
	AA61-20253A	HOLDER-SPONGE,A;-,SVP-403J,ABS,HB,BLK,-	
	AA61-10379A	BRACKET-COVER;-,SVP403J,SECC,T1.0,-,-,-	

ASSY-DUCT,IN

*	AA91-00275A	ASSY-DUCT,IN;-,V0,FAN,40J5	
CL+CR	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
	AA63-60123G	SPACER-SPONGE,LCD;SPONGE,5,BLK,V0,SVP-40	
	AA63-00198B	COVER-DUCT IN,R;-,40J3P,-,ABS,V0,BLK,-,-	
	AA63-00197B	COVER-DUCT IN,L;-,40J3P,-,ABS,V0,BLK,-,-	
	AA62-20001A	TUBE-PP;-,GSHS,T0.25,PI3,-,-,-,-,-	
	AA39-20014H	LEAD CONNECTOR-ASSY;-,-,-,-,-,-,-,-,-,67	
	3103-001017	FAN-DC,12VDC,120mA,2200rpm,1m^3,2.3P	

ASSY-DUCT,OUT

*	AA91-00276A	ASSY-DUCT,OUT;-,V0,FAN,40J5	
OR+OL	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
	AA39-20014H	LEAD CONNECTOR-ASSY;-,-,-,-,-,-,-,-,-,67	
	AA63-30181A	COVER-DUCT,OUT(L);-,SVP-403J,-,ABS,V0,BL	
	AA63-30180A	COVER-DUCT,OUT(R);-,SVP-403J,-,ABS,V0,BL	
	AA62-20001A	TUBE-PP;-,GSHS,T0.25,PI3,-,-,-,-,-	
	3103-001017	FAN-DC,12VDC,120mA,2200rpm,1m^3,2.3P	

ASSY CABINET FRONT

*	AA91-00311D	ASSY CABINET FRONT;-,40J5,LG807P GUJU T/	
AHC+CF	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
AS1A	AA39-20505A	LEAD CONNECTOR-ASSY;-,YSH025-04,REC,4P,9	
BBS+CF	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
BC+EG	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
BFT+CF	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
BML+CF	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
BMR+CF	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
BS+BBB	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
BS+HM	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	
BT+EG	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	
C/B+CF	6003-001025	SCREW-TAPTITE;RH,+,B,M4,L20,ZPC(BLK),SWR	
CB+5JA	6002-000512	SCREW-TAPPING;RH,+,2,M4,L12,ZPC(BLK),SWR	
CB+BT	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
CBB+BT	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
CBB+CB	6003-001025	SCREW-TAPTITE;RH,+,B,M4,L20,ZPC(BLK),SWR	
CBB+SC	6002-000512	SCREW-TAPPING;RH,+,2,M4,L12,ZPC(BLK),SWR	
CBT+CF	AA63-60001L	SPACER-FELT;FELT,T0.35,BLK,150X15,-,-	
CD+CB	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
CD+CF	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
CDI+EG	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
CDO+CB	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
CG+CF	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
CL+C/B	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
DO+CF	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
EG+BBS	AA64-60411D	INLAY-LAMP;SVP403J,-,PS,T1.0,BLK,-,-	
EG+CF	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
EG+COH	6003-001022	SCREW-TAPTITE;RH,+,B,M3,L12,ZPC(BLK),SWR	
EG+HM	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
ENGINE	AA60-00032B	SPACER-FILTER;50J6,P/U-FOAM V0 16,-,-,-,	
HP+CB	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
HSS+CF	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
HST+CF	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
LEM+HM	AA60-00016A	SCREW-ASSY;WC,HH,+,M3,L10,SWRCH18A,ZPC(S	
MS+CF	6003-001168	SCREW-TAPTITE;RWH,+,B,M4.0,L12.0,WHT,SWC	
PCB+CF	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
PCB+EG	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	
PCB+HC	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	
PFC+CB	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
PS+EG	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	
SPK+CF	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
	AA63-00268A	COVER-GRILLE,ASSY;-,SP40J5P,JERSET 900F	
	AA63-00251B	COVER-AL;-,40J5,CHAMP.GOLD PAL ML,AL,-,	
	AA63-00250B	COVER-DUCT,L;-,40J5,DG703P,HIPS,HB,G4309	
	AA63-00249B	COVER-DUCT,R;-,40J5,DG703P,HIPS,HB,G4309	
	AA61-20061A	HOLDER-GRILLE;-,S5288,NEOPRENE,HB,BLK,-	
	AA63-00248B	COVER-GRILLE;-,40J5,-,HIPS,HB,BLK,-,-	
	AA63-60117A	SPACER-FOOT;NEOPRENE,-,BLK,V1,SVP403J,-	
	AA64-00406F	BADGE-BRAND;AL,LG-807P SAMSUNG,SILVER,7	
	AA64-00850B	INDICATOR LED;-,40J5,-,ACRYL,-,CLEAR,-	
	AA64-30853V	CABINET FRONT;-,40J5HP,LG807P T/L,HIPS,H	
	AA61-20158B	HOLDER-CABINET;-,-,HIPS,HB,NTR,-	
	AA65-30105C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,5MM	
	AA91-00312A	ASSY-HOLDER,CONTROL;-,HIPS HB BLK,LG807P	
	AA61-00365B	HOLDER-CONTROL;40J5,BLK,HB,-,LG807P PAL	
	AA61-60003J	SPRING-CS;-,SUS304,0.5,OD6,H12,N7,-,-,-	
	AA64-00847B	KNOB-POWER;-,40J5,DG906P NO-SILK,ABS,HB,	
	AA64-00849B	WINDOW REMOCON;-,40J5,-,PC,VIOLET,-,-	
	AA61-20252A	HOLDER-CHASSIS;-,ABS,V0,GRY,-,SVP-403J	
	AA63-30176A	COVER-LENS,A;-,SVP-403J,-,HIPS,V0,BLK,-,	
	AA63-30130A	COVER-DUCT;-,SVP403J,-,HIPS,V0,BLK,-,-	
	AA63-10002A	BAND-TIE;-,NYLON66 V2,-,-,L100,NTR,-,-	
	AA63-00199B	COVER-LCD;-,40J3P,-,ABS,V0,BLK,-,-	
	AA63-00021B	SPACER-MIRROR;PVC,-,BLK,-,SVP403J,-	
	AA63-00021A	SPACER-MIRROR;PVC,-,BLK,-,SVP403J,-	
	AA61-50110A	SHAFT-LENS;SVP-403J,BSBM,OD6,L12,-,-,-	
	AA63-60131A	SPACER-FELT;FELT,T0.5,BLK,80x70,SVP403J,	
	AA67-10047B	LENS-ASSY;40J5,GLASS,-,F1.5/19.4,-,T533,	
	AA67-00060A	SUN-SCREEN;-,40W,H/C,A/S,PMMA,T=93%,T2.	
	AA67-00058A	SCREEN-TINT;-,40W,-,PMMA,TINT=0%,T3.0,9	
	AA65-30102A	CLAMP-WIRE;NYLON,66,GRAY,-,-,-	
	AA65-30018A	CLAMP-WIRE;NYLON-66,-,-,DATL-600,DONG-A,	
	AA65-30008A	CLAMP-CORD;PE,HB,BLK,-,-,-	
	AA64-60442A	INLAY-TERMINAL,PAL;SPM-403J,-,PS,T0.5,BL	
	AA64-30854F	CABINET—BACK,TOP;-,S403J,PAL,HIPS,V2,BL	
	AA64-00969B	INLAY-SCREEN;43J6,-,PS SHEET,T0.5,BLK,-,	
	AA61-10337A	BRACKET-BACK,T;-,SVP-403J,SECC-1,T1.2,BL	
	AA61-10338A	BRACKET-MIRROR,B;-,SVP-403J,SECC-1,T1.2,	
	AA61-10339A	BRACKET-MIRROR,T;-,SVP-403J,SECC-1,T1.2,	
	AA61-10340A	BRACKET-MIRROR,SUP;-,SVP-403J,SECC-1,T1.	
	AA61-10341A	BRACKET-MIRROR,SUP;-,SVP-403J,SECC-1,T1.	
	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
	AA61-00295B	HOUSING-MECHA,BASE;40J3P,HIPS,-,-,BLK,-,	
	AA61-00297B	BRACKET-BALLAST,CONNECTOR;-,40J3P,SECC-1	
	AA61-00353A	HOLDER-PCB;-,ST43J6,40J3,NYLON 66,-,NTR,	
	AA61-10323A	BRACKET-FRONT,T;-,SVP-403J,SPC-1,T1.2,BL	
	AA61-20069A	HOLDER-WIRE;-,-,NYLON-66,V0,NTR,PAWH-5NA	
	AA61-20129A	HOLDER-WIRE;-,-,NYLON-66,-,NTR,DAFC-2500	
	AA61-20214A	HOLDER-SCREEN,T;-,SVP403J,HIPS,HB,BLK,-	
	AA61-20214B	HOLDER-SCREEN,T;-,SVP403J,HIPS,HB,BLK,-	
	AA61-20215A	HOLDER-SCREEN,S;-,S40LW,HIPS,HB,BLK,-	
	AA61-10342A	BRACKET-MIRROR,S;-,SVP-403J,SECC-1,T1.6,	
	AA61-10343A	BRACKET-MIRROR,S;-,SVP-403J,SECC-1,T1.6,	
	AA61-10344A	BRACKET-BACK,B;-,SVP-403J,SECC-1,T1.2,BL	
	AA61-10371A	BRACKET-BACK,SUP(A);-,-,SECC,T1.2,BLK,-,	
	AA61-11005A	BRACKET-PFC;-,764A,SECC-1,T1.0,-,PFC BOA	
	AA63-60123E	SPACER-SPONGE,LCD;SPONGE,7,BLK,V0,SVP-40	

Loc. No.	Code No.	Description ; Specification	Remark
	AA67-20024A	MIRROR-FRONT;40',GLASS,3,-,SURFACE,779x4	
	AA91-00242A	ASSY-LENS,MECHA;-,-,DS007,ST-43J6	
	AA91-60225A	ASSY-HOLDER,SPK;-,PP,HB,BLK,8R20W,168BR2	
	AA63-60123E	SPACER-SPONGE,LCD;SPONGE,7,BLK,V0,SVP-40	

ASSY DOOR

*	AA91-20056R	ASSY DOOR;-,ABS HB G3676,LG807P,40J5P PA	
AV-CON	AA41-11004A	PCB-A/V-CONTROL;SP403JHA,1L,FR-1,330x245	
C708	2202-000263	C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP	
C709	2202-000263	C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP	
C710	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
C711	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
C712	2202-000231	C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP	
C713	2202-000231	C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP	
C714	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP	
C715	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP	
CND01	AA39-20601A	LEAD CONNECTOR-ASSY;-,5264-03,35022-03,3	
CNF01	AA39-20597A	LEAD CONNECTOR-ASSY;-,5264-10,35022-10,1	
DC01	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
JA701	3722-001163	JACK-VHS;4P,12mm,AU,BLK,N	
JA702	3722-001178	JACK-PIN;1P,3.4mm,SN,YEL,#16-22	
JA703	3722-001176	JACK-PIN;1P,3.4mm,SN,WHT,#16-22	
JA704	3722-001177	JACK-PIN;1P,3.4mm,SN,RED,#16-22	
JKH01	3722-000143	JACK-PHONE;1P(VER),3.4mm,AG,BLK,NO	
L701	2701-000101	INDUCTOR-AXIAL;1.2uH,10%,2.5x3.4mm	
L702	2701-000101	INDUCTOR-AXIAL;1.2uH,10%,2.5x3.4mm	
R701	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R702	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R703	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM	
R704	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM	
R705	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R706	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RC06	2001-001115	R-CARBON(S);27KOHM,5%,1/2W,AA,TP,2.4X6.4	
RC07	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA,TP,2.4X6.	
RC08	2001-001055	R-CARBON(S);1.8KOHM,5%,1/2W,AA,TP,2.4X6.	
RC09	2001-001071	R-CARBON(S);12KOHM,5%,1/2W,AA,TP,2.4X6.4	
RC10	2001-001168	R-CARBON(S);6.8KOHM,5%,1/2W,AA,TP,2.4X6.	
S-KEY	AA41-11007A	PCB-SIDE-KEY;SP403JHA,1L,FR-1,245x245x1.	
SWY01	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SWY02	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SWY03	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SWY04	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SWY05	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
	AA64-60444A	INLAY-CONTROL,PAL;SPM-403J,-,PS,T0.4,BLK	
	AA64-30858A	CASE-DRAWER,BODY;-,ABS,HB,-,-,BLK,-,SVP-	
	AA64-30857J	CASE-DRAWER,BOT;-,40J5P,LG807P,ABS,HB,G3	
	AA64-30856A	CASE-DRAWER,T;-,ABS,HB,-,-,BLK,-,SVP-403	
	AA64-10776A	BUTTON-KEY,PAL;-,SPM-403J,5,ABS,HB,BLK	
	AA61-80002A	DAMPER-GEAR;-,DP802,-,37G,BLU,DP802,-	
	AA61-60109A	SPRING-DOOR;-,SUS304,PI0.5,-,H12.5,N32,-	
	AA61-30001A	LATCH-DOOR;-,-,-,KIFUCO LA701,-	

ASSY-PCB,POWER

*	AA95-00204A	ASSY-PCB,POWER;SP403JHAX/SPL,PLT51A,40,-	
C801	2306-000321	C-FILM,MPPF;470NF,5%,275V,TP,-,22.5	
C802	2306-000321	C-FILM,MPPF;470NF,5%,275V,TP,-,22.5	
C804	2201-000315	C-CERAMIC,DISC;2.2nF,+80-20%,250V,Y5U,TP	
C805	2201-000315	C-CERAMIC,DISC;2.2nF,+80-20%,250V,Y5U,TP	
C807	2401-003031	C-AL;470uF,20%,450V,GP,BK,35x45mm,1	
C816	2306-000323	C-FILM,MPPF;2.2nF,5%,1.6KV,TP,28.5x15.5x	
C817	2401-002289	C-AL;470uF,20%,35V,WT,TP,10x20,5	
C818	2401-000851	C-AL;220uF,20%,35V,HR,TP,13x25,5	
C819	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
C820	2401-002262	C-AL;10uF,20%,160V,WT,TP,10x20,5	
C821	2201-000446	C-CERAMIC,DISC;3.3nF,20%,400V,Y5U,TP,15x	
C822	2201-000446	C-CERAMIC,DISC;3.3nF,20%,400V,Y5U,TP,15x	
C823	2201-000551	C-CERAMIC,DISC;0.47nF,10%,1kV,Y5P,TP,6.3	
C824	2401-000737	C-AL;2200uF,20%,50V,GP,TP,18x35.5,7	
C825	2401-000737	C-AL;2200uF,20%,50V,GP,TP,18x35.5,7	
C826	2201-000551	C-CERAMIC,DISC;0.47nF,10%,1kV,Y5P,TP,6.3	
C827	2401-002231	C-AL;470uF,20%,50V,WT,TP,13x20mm,5m	
C828	2401-001415	C-AL;470uF,20%,35V,GP,TP,10x20,5	
C829	2401-001115	C-AL;330uF,20%,25V,GP,TP,10x12.5,5	
C830	2201-000551	C-CERAMIC,DISC;0.47nF,10%,1kV,Y5P,TP,6.3	
C831	2401-000136	C-AL;1000uF,20%,16V,LZ,TP,13x20,5	
C832	2401-000136	C-AL;1000uF,20%,16V,LZ,TP,13x20,5	
C833	2201-000551	C-CERAMIC,DISC;0.47nF,10%,1kV,Y5P,TP,6.3	
C834	2401-001661	C-AL;68uF,20%,100V,GP,TP,10x16,5	
C835	2401-000384	C-AL;10uF,20%,100V,GP,TP,6.3x11,5mm	
C836	2201-000551	C-CERAMIC,DISC;0.47nF,10%,1kV,Y5P,TP,6.3	
C837	2401-002215	C-AL;2200uF,20%,25V,WT,TP,13x25,5	
C838	2401-000183	C-AL;1000uF,20%,35V,WT,TP,12.5x25,5	
C839	2401-001429	C-AL;470uF,20%,50V,GP,TP,13x20,5	
C840	2305-000412	C-FILM,MPEF;470nF,5%,63V,TP,-,5mm	
C841	2201-000332	C-CERAMIC,DISC;2.2nF,20%,250V,Y5U,TP,9x4	
C842	2201-000332	C-CERAMIC,DISC;2.2nF,20%,250V,Y5U,TP,9x4	
C843	2401-001563	C-AL;47uF,20%,400V,GP,TP,16x25,7.5	
C844	2401-002292	C-AL;47uF,20%,25V,WT,TP,8X11,5	
C845	2401-001429	C-AL;470uF,20%,50V,GP,TP,13x20,5	
C846	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
C847	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5	
C848	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP,5.	
C849	2401-000611	C-AL;1uF,20%,50V,WT,TP,5x11,5	
C850	2401-000183	C-AL;1000uF,20%,35V,WT,TP,12.5x25,5	
C851	2401-000183	C-AL;1000uF,20%,35V,WT,TP,12.5x25,5	
C852	2401-001333	C-AL;470nF,20%,50V,GP,TP,5x11,5	
C853	2401-001333	C-AL;470nF,20%,50V,GP,TP,5x11,5	
C854	2201-000446	C-CERAMIC,DISC;3.3nF,20%,400V,Y5U,TP,15x	
C855	2201-000446	C-CERAMIC,DISC;3.3nF,20%,400V,Y5U,TP,15x	
CNP01	3711-002645	CONNECTOR-HEADER;BOX,6P,1R,2.5MM,STRAIGH	
CNP01A	AA39-20027C	LEAD CONNECTOR-ASSY;-,67096-006,S,6P,500	
CNP02	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
CNP02A	AA39-20032E	LEAD CONNECTOR-ASSY;-,67096-012,S,12P,60	
CNP03	3711-002647	CONNECTOR-HEADER;BOX,8P,1R,2.5mm,STRAIGH	
CNP03A	AA39-20030D	LEAD CONNECTOR-ASSY;-,67096-008,S,8P,600	
⚠ D803	0402-000549	DIODE-BRIDGE;RBV606,600V,6A,-,BK	H/SINK
⚠ D808	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
⚠ D811	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
⚠ D812	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
⚠ D813	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
⚠ D814	0403-000704	DIODE-ZENER;TZP7.5B,7.5V,7.5-8.4V,1W,DO-	
⚠ D815	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
⚠ D816	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
⚠ D817	0402-000233	DIODE-RECTIFIER;FML-G12S,200V,5A,-,-	H/SINK
⚠ D818	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
⚠ D819	0402-000233	DIODE-RECTIFIER;FML-G12S,200V,5A,-,-	H/SINK
⚠ D820	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
⚠ D821	0402-000233	DIODE-RECTIFIER;FML-G12S,200V,5A,-,-	H/SINK
⚠ D822	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
⚠ D823	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
⚠ D825	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
⚠ D826	0402-000102	DIODE-BRIDGE;D2SB60,600V,1.5A,-	
⚠ D827	0406-001007	DIODE-TVS;P6KE180A,171/180/189V,600W,CAS	
⚠ D828	0402-000243	DIODE-RECTIFIER;RC2-V1,2000V,0.2A,DO-201	
⚠ D829	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
⚠ D830	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T	
⚠ D831	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
⚠ D832	0402-000233	DIODE-RECTIFIER;FML-G12S,200V,5A,-,-	H/SINK
⚠ F801	3601-001007	FUSE-CARTRIDGE;250V,6.3A,TIME-LAG,GLASS,	
F801A	3602-000114	FUSE-HOLDER;-,-,30mohm	
F801B	3602-000114	FUSE-HOLDER;-,-,30mohm	
⚠ F802	3601-000261	FUSE-CARTRIDGE;250V,3.15A,TIME-LAG,GLASS	
F802A	3602-000114	FUSE-HOLDER;-,-,30mohm	
F802B	3602-000114	FUSE-HOLDER;-,-,30mohm	
⚠ F803	3601-000261	FUSE-CARTRIDGE;250V,3.15A,TIME-LAG,GLASS	
F803A	3602-000114	FUSE-HOLDER;-,-,30mohm	
F803B	3602-000114	FUSE-HOLDER;-,-,30mohm	
⚠ F805	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
⚠ IC802	AA13-20002K	IC-HYBRID;-,STR-S6709 LF953,SIP,9P,SMPS	H/SINK
⚠ IC803	1203-001583	IC-SWITCH VOL. REG.;801,SIP,10P,157MIL,P	
⚠ IC805	1203-000203	IC-POSI.ADJUST REG.;3050,TO-220,5P,-,PLA	H/SINK
⚠ IC806	1203-001197	IC-POWER PRESCALER;012,SIP,3P,TO-220,PLA	
⚠ IC807	1203-000640	IC-PWM CONTROLLER;210,DIP,8P,245MIL,PLAS	
⚠ IC808	1203-000203	IC-POSI.ADJUST REG.;3050,TO-220,5P,-,PLA	H/SINK
⚠ IC809	0604-001038	PHOTO-COUPLER;TR,130-260%,200mW,DIP-4,ST	
JP801A	AA39-20010A	LEAD CONNECTOR-ASSY;-,YFH800-01,S,1P,200	

Loc. No.	Code No.	Description ; Specification	Remark
L801	AA29-30002D	FILTER-LINE NOISE;-,10mH,2.8A,-,SQE-3535	
L802	AA29-30002D	FILTER-LINE NOISE;-,10mH,2.8A,-,SQE-3535	
L803	AA27-10001C	COIL-CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
L804	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
L805	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
L806	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
L807	AA27-10001U	COIL-CHOKE;-,20uH,K,-,2A,-,20UH-K(2A),12	
L808	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
L809	AA27-10001U	COIL-CHOKE;-,20uH,K,-,2A,-,20UH-K(2A),12	
L810	2701-000112	INDUCTOR-AXIAL;100uH,10%,3x7mm	
L811	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
L812	AA27-10001C	COIL-CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
L813	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
L816	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
L817	AA27-10002L	COIL-CHOKE;-,24UH,K,-,2A,-,24UH-K,10X10M	
L818	AA27-10001Y	COIL-CHOKE;-,100UH,K,25,1A,-,100UH-K(1.0	
L819	AA27-10001Y	COIL-CHOKE;-,100UH,K,25,1A,-,100UH-K(1.0	
P802F	AA39-20010B	LEAD CONNECTOR-ASSY;-,YFH800-01,S,1P,500	
P805D	AA39-20176E	LEAD CONNECTOR-ASSY;-,YFH800-03,S,3(2)P,	
P807A	AA39-20010B	LEAD CONNECTOR-ASSY;-,YFH800-01,S,1P,500	
PCB	AA41-11006B	PCB-POWER;PLT51A,1L,CEM-1,245X245X1.6T,1	
⚠ Q801	0503-000153	TR-DARLINGTON;TIP102,NPN,2W,TO-220,TP,10	
⚠ Q804	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1W,TO-92L,	
R801	2002-001010	R-COMPOSITION;1.8Mohm,5%,1/2W,AA,TP,3.7x	
R802	1404-001195	THERMISTOR-NTC;5.1ohm,15%,2900,27mW/C,BK	
R806	2001-001129	R-CARBON(S);330KOHM,5%,1/2W,AA,TP,2.4X6.	
R807	2001-001129	R-CARBON(S);330KOHM,5%,1/2W,AA,TP,2.4X6.	
R812	2003-001090	R-METAL OXIDE(S);10Kohm,5%,2W,AF,TP,4x12	
R813	2003-001090	R-METAL OXIDE(S);10Kohm,5%,2W,AF,TP,4x12	
R814	2006-000307	R-CEMENT;200HM,5%,5W,CJ,BK,10X14X27MM	
R815	2003-001090	R-METAL OXIDE(S);10Kohm,5%,2W,AF,TP,4x12	
R816	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
R817	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
R818	2001-001143	R-CARBON(S);4.3KOHM,5%,1/2W,AA,TP,2.4X6.	
R819	2001-001410	R-CARBON(S);430HM,5%,1/2W,AA,TP,2.4X6.4M	
R820	2001-001117	R-CARBON(S);2KOHM,5%,1/2W,AA,TP,2.4X6.4M	
R821	2001-001117	R-CARBON(S);2KOHM,5%,1/2W,AA,TP,2.4X6.4M	
R822	2009-000021	R-METAL PLATE;0.33ohm,10%,5W,CL,TP,5x14x	
R823	2001-001117	R-CARBON(S);2KOHM,5%,1/2W,AA,TP,2.4X6.4M	
R824	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
R825	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
R826	2008-001096	R-FUSIBLE(S);3.30HM,5%,1/2W,AC,BK,2.5X6.	
R827	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
R828	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
R831	2008-001096	R-FUSIBLE(S);3.30HM,5%,1/2W,AC,BK,2.5X6.	
R832	2001-001155	R-CARBON(S);5.6KOHM,5%,1/2W,AA,TP,2.4X6.	
R833	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
R834	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
R835	2001-001096	R-CARBON(S);2.2OHM,5%,1/2W,AA,TP,2.4X6.4	
R836	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
R838	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
R839	2001-001116	R-CARBON(S);27OHM,5%,1/2W,AA,TP,2.4X6.4M	
R840	2008-001090	R-FUSIBLE(S);10OHM,5%,1/2W,AC,BK,2.5X6.5	
R841	2001-001106	R-CARBON(S);220KOHM,5%,1/2W,AA,TP,2.4X6.	
R842	2001-001112	R-CARBON(S);24KOHM,5%,1/2W,AA,TP,2.4X6.4	
R843	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
REL801	3501-001053	RELAY-POWER;5VDC,530MW,10A,1FORMA,15MS,5	
⚠ T801	AA26-20007T	TRANS-SWITCHING;-,AC80V~AC280V,34/36/12/	
⚠ T802	AA26-20004M	TRANS-SWITCHING;-,90~260V,KS,EE2118,7.92	
V801	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
V802	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
V803	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
	AA61-20217A	HOLDER-CHASSIS,P;-,SVP40LW,ABS,V0,GRY,-	
	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	

ASSY-PCB,LCD CONTROL

*	AA95-00506A	ASSY-PCB,LCD CONTROL;-,SP403JHA,PLT51A,-	
AC1	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
AC2	3711-002645	CONNECTOR-HEADER;BOX,6P,1R,2.5MM,STRAIGH	
AC3	3711-002641	CONNECTOR-HEADER;BOX,10P,1R,2.54mm,STRAI	
AP3	3711-002647	CONNECTOR-HEADER;BOX,8P,1R,2.5mm,STRAIGH	
CL101	2401-001115	C-AL;330uF,20%,25V,GP,TP,10x12.5,5	
CL102	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL103	2401-001115	C-AL;330uF,20%,25V,GP,TP,10x12.5,5	
CL104	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL105	2401-001363	C-AL;470uF,20%,16V,GP,TP,10x12.5,5	
CL106	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL107	2401-000142	C-AL;1000uF,20%,16V,WT,TP,10x20,5	
CL108	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL109	2401-001363	C-AL;470uF,20%,16V,GP,TP,10x12.5,5	
CL110	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL111	2401-001363	C-AL;470uF,20%,16V,GP,TP,10x12.5,5	
CL112	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL113	2401-001363	C-AL;470uF,20%,16V,GP,TP,10x12.5,5	
CL114	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL115	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
CL116	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL117	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL118	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL119	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL120	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL121	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
CL122	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL123	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL124	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL125	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
CL126	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
CL127	2401-001363	C-AL;470uF,20%,16V,GP,TP,10x12.5,5	
CL128	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL129	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL130	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL131	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
CL132	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
CL133	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
CL134	2203-002442	C-CERAMIC,CHIP;330nF,+80-20%,25V,Y5V,TP,	
CL135	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
CL141	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
CL142	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL157	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL201	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
CL202	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL203	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL204	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL205	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL206	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL207	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL208	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL209	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL210	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL211	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL212	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
CL213	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL214	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL215	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL216	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL217	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
CL218	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL220	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL221	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL222	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL223	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL224	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL225	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL226	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL227	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL229	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL230	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL231	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL232	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL233	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL234	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL235	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL236	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL237	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL238	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL239	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
CL240	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL242	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL243	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL244	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	

Loc. No.	Code No.	Description ; Specification	Remark
CL245	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL246	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL247	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL248	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL249	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL250	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL251	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL252	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL255	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL256	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL257	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL258	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL260	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL261	2401-000318	C-AL;100uF,20%,25V,LZ,TP,8x11.5,5	
CL262	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL263	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL264	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
CL265	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL266	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL267	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL268	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL269	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL270	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL271	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL272	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL273	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL274	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL301	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
CL302	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL303	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL305	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL307	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL309	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL311	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL313	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012	
CL314	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL315	2203-001158	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,201	
CL316	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL317	2401-001026	C-AL;3.3UF,20%,50V,GP,TP,5X11,5	
CL318	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL321	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
CL322	2401-001537	C-AL;47uF,20%,25V,GP,TP,6.3x7mm,5mm	
CL323	2401-001537	C-AL;47uF,20%,25V,GP,TP,6.3x7mm,5mm	
CL324	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL325	2401-000318	C-AL;100uF,20%,25V,LZ,TP,8x11.5,5	
CL326	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL327	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL329	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL401	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL402	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL403	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL404	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL405	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
CL406	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL407	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL408	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
CL501	2201-000265	C-CERAMIC,DISC;0.18nF,5%,50V,RH,TP,10x3.	
CL502	2201-000146	C-CERAMIC,DISC;0.1nF,5%,50V,SL,TP,5x3.5,	
CL503	2201-000653	C-CERAMIC,DISC;0.068nF,5%,50V,SL,TP,5x3,	
CL601	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7,5	
CL602	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
CNL04	3708-001162	CONNECTOR-FPC/FC/PIC;24P,1MM,SMD-A,SN	
CNL06	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,STRAIGH	
CNL07	3711-002644	CONNECTOR-HEADER;BOX,5P,1R,2.5mm,STRAIGH	
CNL08	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,STRAIGH	
DL301	0405-000117	DIODE-VARACTOR;1SV215,30V,10nA,USC,TP	
DL401	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
DL402	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
DL403	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
DL501	0403-001318	DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500mW,DO	
DL502	0401-000005	DIODE-SWITCHING;1N4148,100V,200MA,DO-35,	
DL503	0403-001318	DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500mW,DO	
FL302	2901-000227	FILTER-EMI SMD;50V,300mA,-,100pF,12.5x4.	
FL303	2901-000227	FILTER-EMI SMD;50V,300mA,-,100pF,12.5x4.	
⚠ ICL101	1203-000293	IC-POSI.FIXED REG.;7808,TO-220,3P,-,PLAS	
⚠ ICL102	1203-000162	IC-POSI.ADJUST REG.;317,TO-220,3P,-,PLAS	
⚠ ICL103	1203-000274	IC-POSI.FIXED REG.;7805,TO-220,3P,-,PLAS	
⚠ ICL109	0801-000901	IC-CMOS LOGIC;74HC04,INVERTER,SOP,14P,15	
⚠ ICL201	1002-000134	IC-D/A CONVERTER;TDA8444,6BIT,DIP,16P,-,	
⚠ ICL202	1002-000134	IC-D/A CONVERTER;TDA8444,6BIT,DIP,16P,-,	
⚠ ICL203	1002-000134	IC-D/A CONVERTER;TDA8444,6BIT,DIP,16P,-,	
⚠ ICL204	1003-001094	IC-LCD DRIVER;CXA1853Q,QFP,80P,14.0MIL,-	
⚠ ICL205	1003-001093	IC-LCD DRIVER;CXA2504N,SOP,40P,248MIL,PL	
⚠ ICL301	1003-001095	IC-LCD CONTROLLER;CXD2443Q,QFP,100P,-,-,	
⚠ ICL401	0801-000662	IC-CMOS LOGIC;74HC123,MULTIVIBATOR,SOP,1	
⚠ ICL402	0801-000662	IC-CMOS LOGIC;74HC123,MULTIVIBATOR,SOP,1	
⚠ ICL403	0801-000662	IC-CMOS LOGIC;74HC123,MULTIVIBATOR,SOP,1	
⚠ ICL404	1204-000464	IC-VIDEO PROCESS;TDA4780,DIP,28P,-,PLAST	
LL101	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
LL102	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
LL103	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
LL104	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
LL201	2701-000112	INDUCTOR-AXIAL;100uH,10%,3x7mm	
LL202	2701-000112	INDUCTOR-AXIAL;100uH,10%,3x7mm	
LL203	2701-000112	INDUCTOR-AXIAL;100uH,10%,3x7mm	
LL301	2701-000112	INDUCTOR-AXIAL;100uH,10%,3x7mm	
LL303	2701-000112	INDUCTOR-AXIAL;100uH,10%,3x7mm	
LL304	2701-000112	INDUCTOR-AXIAL;100uH,10%,3x7mm	
LL305	2701-000202	INDUCTOR-AXIAL;560nH,10%,2.5x3.4mm	
LL306	2701-000202	INDUCTOR-AXIAL;560nH,10%,2.5x3.4mm	
LL307	2701-000202	INDUCTOR-AXIAL;560nH,10%,2.5x3.4mm	
LL401	2701-000149	INDUCTOR-AXIAL;2.7uH,10%,2.5x3.4mm	
LL402	2701-000208	INDUCTOR-AXIAL;6.8uH,10%,2.5x3.4mm	
LL403	2701-000208	INDUCTOR-AXIAL;6.8uH,10%,2.5x3.4mm	
PCB	AA41-00214A	PCB-LCD CONTROL;PLT51A,2L,FR-4,245x245x1	
QL105	0501-000002	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
QL106	0501-000002	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
QL107	0501-000002	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
QL201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	
QL202	0501-000002	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
QL203	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	
QL204	0501-000002	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
QL401	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	
QL402	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	
QL403	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	
QL404	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	
QL405	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	
QL406	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	
RL101	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
RL102	2004-001376	R-METAL(S);11Kohm,1%,1/2W,AA,TP,2.4x6.4m	
RL103	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
RL105	2001-001045	R-CARBON(S);1.2KOHM,5%,1/2W,AA,TP,2.4X6.	
RL112	2007-000030	R-CHIP;560OHM,5%,1/10W,DA,TP,2012	
RL113	2007-000030	R-CHIP;560OHM,5%,1/10W,DA,TP,2012	
RL114	2007-000030	R-CHIP;560OHM,5%,1/10W,DA,TP,2012	
RL115	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL116	2007-001001	R-CHIP;510OHM,5%,1/10W,DA,TP,2012	
RL118	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL119	2007-001001	R-CHIP;510OHM,5%,1/10W,DA,TP,2012	
RL121	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL122	2007-001001	R-CHIP;510OHM,5%,1/10W,DA,TP,2012	
RL127	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
RL128	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
RL129	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL130	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL131	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
RL132	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL133	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL134	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL135	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL136	2007-001071	R-CHIP;6.8KOHM,5%,1/10W,DA,TP,2012	
RL137	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL138	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
RL139	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL140	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
RL141	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL142	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
RL143	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL154	2007-000671	R-CHIP;2KOHM,5%,1/10W,DA,TP,2012	
RL155	2007-001118	R-CHIP;680OHM,5%,1/10W,DA,TP,2012	
RL156	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL157	2007-000671	R-CHIP;2KOHM,5%,1/10W,DA,TP,2012	
RL158	2007-001118	R-CHIP;680OHM,5%,1/10W,DA,TP,2012	
RL159	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	

Loc. No.	Code No.	Description ; Specification	Remark
RL160	2007-000671	R-CHIP;2KOHM,5%,1/10W,DA,TP,2012	
RL161	2007-001118	R-CHIP;680OHM,5%,1/10W,DA,TP,2012	
RL162	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL163	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL164	2007-000844	R-CHIP;3KOHM,5%,1/10W,DA,TP,2012	
RL165	2007-001009	R-CHIP;51KOHM,5%,1/10W,DA,TP,2012	
RL166	2007-000964	R-CHIP;5.1KOHM,5%,1/10W,DA,TP,2012	
RL167	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL168	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL169	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL178	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
RL201	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL202	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL203	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL204	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL205	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL206	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL207	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL208	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL209	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL210	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL211	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL212	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL213	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL214	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL215	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL216	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL217	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL218	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL219	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL220	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL221	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL222	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL223	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL224	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL225	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL226	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL227	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL228	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL229	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL230	2007-001141	R-CHIP;7.5KOHM,5%,1/10W,DA,TP,2012	
RL231	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
RL232	2007-001141	R-CHIP;7.5KOHM,5%,1/10W,DA,TP,2012	
RL233	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
RL234	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
RL235	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
RL236	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
RL237	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
RL238	2007-000703	R-CHIP;3.6KOHM,5%,1/10W,DA,TP,2012	
RL239	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
RL240	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
RL241	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
RL242	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
RL243	2007-001055	R-CHIP;6.2KOHM,5%,1/10W,DA,TP,2012	
RL244	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
RL245	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL246	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL247	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012	
RL248	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
RL249	2007-001224	R-CHIP;9.1KOHM,5%,1/10W,DA,TP,2012	
RL250	2007-001141	R-CHIP;7.5KOHM,5%,1/10W,DA,TP,2012	
RL251	2007-000457	R-CHIP;18KOHM,5%,1/10W,DA,TP,2012	
RL252	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
RL253	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
RL254	2007-000881	R-CHIP;4.7OHM,5%,1/10W,DA,TP,2012	
RL255	2007-000881	R-CHIP;4.7OHM,5%,1/10W,DA,TP,2012	
RL256	2007-001055	R-CHIP;6.2KOHM,5%,1/10W,DA,TP,2012	
RL257	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
RL261	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
RL262	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
RL263	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
RL264	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
RL265	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
RL266	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
RL267	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
RL268	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
RL301	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
RL302	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
RL303	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
RL304	2007-000964	R-CHIP;5.1KOHM,5%,1/10W,DA,TP,2012	
RL305	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL306	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL307	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
RL308	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
RL310	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL313	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL314	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL315	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL316	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL317	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL318	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL320	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL321	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL322	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL323	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL324	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL325	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL326	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL327	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL328	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL329	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL330	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL331	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL332	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL333	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL334	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL335	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL336	2007-000615	R-CHIP;24KOHM,5%,1/10W,DA,TP,2012	
RL401	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
RL402	2007-000258	R-CHIP;1.6KOHM,5%,1/10W,DA,TP,2012	
RL403	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
RL404	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
RL405	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
RL406	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RL407	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
RL408	2007-001118	R-CHIP;680OHM,5%,1/10W,DA,TP,2012	
RL409	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
RL501	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RL502	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
RL503	2007-000642	R-CHIP;270OHM,5%,1/10W,DA,TP,2012	
S/C(B)	AA63-40282A	SHIELD-CASE,BOT(A);-,SPTE,T0.3,-,SVP-403	
S/C(M)	AA63-40283A	SHIELD-CASE,M(A);-,SPTE,T0.3,-,SVP-403J	
S/C(T)	AA63-40281A	SHIELD-CASE,TOP(A);-,SPTE,T0.3,-,SVP-403	
⚠ TL301	AA26-10006F	TRANS-IF;-,7mG,VIF,-,7mm,18pF,67MHz,ST,	

ASSY-PCB,SUB

*	AA95-00510A	ASSY-PCB,SUB;-,SP403JHP,M51A,-,-,-	
AF5	3711-002641	CONNECTOR-HEADER;BOX,10P,1R,2.54mm,STRAI	
BT+THE	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
PCB	AA41-00216A	PCB-SUB;M51A,1L,FR-1,245x245x1.6T,15A,	
SF1	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,STRAIGH	
SF3	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,STRAIGH	
SF4	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,STRAIGH	
ST1	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,STRAIGH	
ST1A	AA39-00093A	LEAD CONNECTOR-ASSY;-,-,-,-,-,-,-,-,-,67	
	AA61-00350B	BRACKET-LAMP,TUERMO;-,40J3P,SECC-1,T1.6,	
	4712-001013	THERMOSTAT;125/250V,15A/7.5A,105+-5C,95+	

ASSY-PCB,S/W DETECTOR

*	AA95-00530A	ASSY-PCB,S/W DETECTOR;-,SLK407W,L56A,-,-	
PCB	AA41-00236A	PCB-LEVER;M51A,1L,CEM-1,245x180x1.6T,77A	
S/W	3409-000178	SWITCH-LEVER;12V,100mA,SPDT,-,27deg	
SEN/B	AA61-10185A	BRACKET-SENSOR;-,L3300,SECC,T1.0,-,-,-	
SF1A	AA39-20005B	LEAD CONNECTOR-ASSY;-,YBNH025-03,67096-0	
SL+BS	6001-001003	SCREW-MACHINE;BH,+,M2.6,L6,ZPC(BLK),SWRC	

Loc. No.	Code No.	Description ; Specification	Remark

ASSY-PCB,REMOCON

*	AA95-00582A	ASSY-PCB,REMOCON;-,SP40J5HAX/XEF,M51A,-,	
CC01	2401-001496	C-AL;47uF,20%,16V,GP,TP,5x7,5	
CNM08A	AA39-20602A	LEAD CONNECTOR-ASSY;-,5264-06,35022-06,6	
D01	0601-000385	LED;ROUND,RED,3mm,700nm	
D02	0601-000385	LED;ROUND,RED,3mm,700nm	
D03	0601-000368	LED;ROUND,GRN,3mm,570nm	
DC02	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
RC01	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
RC02	2001-000020	R-CARBON(S);22OHM,5%,1/2W,AA,TP,2.4X6.4M	
RMC01	AA59-60002B	MODULE-REMOCON;-,ORC-50HF,38KHZ,940MM,ME	
	AA41-00248A	PCB-REMOCON;M51A,1L,FR-1,245x245x1.6T,9A	

ASSY-PCB,MASTER

*	AA95-00583A	ASSY-PCB,MASTER;-,SP40J5HAX/XEF,M51A,-,-	
P802D	AA39-20179E	LEAD CONNECTOR-ASSY;-,-,-,-,-,-,-,-,-,YF	
P804D	AA39-20176J	LEAD CONNECTOR-ASSY;-,-,-,-,-,-,-,-,-,YF	
SWP02	3403-000179	SWITCH-PUSH;250V,5A,DPST,-,JPW-2104B	
	AA41-00247A	PCB-MASTER S/W;M51A,1L,FR-1,245x245x1.6T	

ASSY-PCB,PFC

*	AA95-90033C	ASSY-PCB,PFC,-,SP-403JHA,PLT51A,EC,-,-	
LP801	AA27-10004C	COIL-CHOKE;-,16,M,-,1.3,ST,-,-,-,LEAD	
LP802	AA27-10004C	COIL-CHOKE;-,16,M,-,1.3,ST,-,-,-,LEAD	
PCB	AA41-11012A	PCB-PFC;SP403JHA,1L,CEM1,245x245x1.6T,	
PCBPFC	AA60-10008A	SCREW-TAPPING;TH,+,M3,L10,ZPC(YEL),SWRCH	
	AA61-11005A	BRACKET-PFC;-,764A,SECC-1,T1.0,-,PFC BOA	

ASSY-POWER,CORD

*	AA96-20130A	ASSY-POWER,CORD;-,CP2/NO(4.0R),H/C150,KJ	
⚠	AA39-10003B	POWER-CORD;-,KJP-140,KLCE-2F,2.4m,HOUS,S	
	AA61-20284A	HOLDER;-,P-CORD,PP,VO,BLK,KE-002	

ASSY-PCB,A/V TERMINAL

*	AA95-00514C	ASSY-PCB,A/V TERMINAL;-,SP40J3HA,M51A,-,	
C701	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C702	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C703	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C704	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C705	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C706	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C707	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C710	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C711	2401-002009	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
C712	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C713	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C714	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C717	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C718	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C719	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012	
C720	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
C721	2203-000595	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,2012	
C723	2203-002392	C-CERAMIC,CHIP;220nF,+80-20%,50V,Y5V,TP,	
C724	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C725	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C726	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C727	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012	
C728	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012	
C729	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C730	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C731	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C732	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C733	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012	
C734	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012	
C735	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012	
C736	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012	
C737	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C738	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C739	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C740	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7,5	
C741	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7,5	
C742	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C743	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C744	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C745	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C746	2401-002009	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
C747	2401-002009	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
C748	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C749	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7,5	
C750	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7,5	
C751	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7,5	
C752	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7,5	
C755	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C758	2401-002009	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
C759	2401-002009	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
C760	2203-000218	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,2012	
C761	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C762	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C763	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C764	2203-002392	C-CERAMIC,CHIP;220nF,+80-20%,50V,Y5V,TP,	
C765	2203-002392	C-CERAMIC,CHIP;220nF,+80-20%,50V,Y5V,TP,	
C766	2203-002392	C-CERAMIC,CHIP;220nF,+80-20%,50V,Y5V,TP,	
C767	2203-002392	C-CERAMIC,CHIP;220nF,+80-20%,50V,Y5V,TP,	
C768	2203-002392	C-CERAMIC,CHIP;220nF,+80-20%,50V,Y5V,TP,	
C769	2203-002392	C-CERAMIC,CHIP;220nF,+80-20%,50V,Y5V,TP,	
C770	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C771	2401-002009	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
C772	2203-000818	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,201	
C773	2203-000818	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,201	
CE01	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
CE02	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
CN701	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	
CN702	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	
CN703	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	
CN704	3711-003630	CONNECTOR-HEADER;BOX,32P,2R,2.54mm,ANGLE	
CN705	3711-003630	CONNECTOR-HEADER;BOX,32P,2R,2.54mm,ANGLE	
CN707	3722-001157	JACK-RCA;5P(6P),3.4mm,SN,BLK,#16-22	
CP701	2401-000426	C-AL;10uF,20%,16V,GP,TP,3.5x5,5	
CP702	2203-000389	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,201	
CP703	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
CP704	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
D701	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
D702	0403-000620	DIODE-ZENER;RLZ5.6B,5.6V,5.45-5.73V,400m	
D703	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
D704	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
D707	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
D708	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
D709	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
D710	0401-000133	DIODE-SWITCHING;RLS4148,100V,200mA,SOD-8	
D711	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
⚠ IC701	1001-001030	IC-VIDEO SWITCH;TDA6920X,-,SOP,28P,300MI	
⚠ IC702	1001-001030	IC-VIDEO SWITCH;TDA6920X,-,SOP,28P,300MI	
⚠ IC703	1201-000541	IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P	
⚠ IC704	1201-000541	IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P	
⚠ IC706	1001-000223	IC-VIDEO SWITCH;TEA5114A,-,DIP,16P,334MI	
⚠ ICP701	1002-001048	IC-A/D&D/A CONVERTER;PCF8591T,8BIT,SOP,1	
J701	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
J702	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
J703	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
L701	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L705	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L706	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L707	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L708	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L709	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L710	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	

Loc. No.	Code No.	Description ; Specification	Remark
L711	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L712	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L713	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L714	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L715	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L716	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L717	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L718	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L719	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L720	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
L721	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
PCB	AA41-00052B	PCB-AV TERMINAL;M51A,2L,FR-4,180x245x1.6	
Q701	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q702	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q703	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q704	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q705	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q706	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q707	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q708	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q709	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q710	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q711	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q712	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q713	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q714	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q715	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q716	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
Q717	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
QP701	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
QP702	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
R701	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R702	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R703	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	
R704	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R705	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	
R706	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R707	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R708	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R709	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	
R710	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R711	2007-001071	R-CHIP;6.8KOHM,5%,1/10W,DA,TP,2012	
R712	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
R713	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
R714	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
R715	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
R716	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R717	2007-000738	R-CHIP;30KOHM,5%,1/10W,DA,TP,2012	
R718	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R719	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R720	2007-000241	R-CHIP;1.5KOHM,5%,1/10W,DA,TP,2012	
R721	2007-000241	R-CHIP;1.5KOHM,5%,1/10W,DA,TP,2012	
R722	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R723	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R724	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
R725	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R726	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R727	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R728	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
R729	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R730	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
R731	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012	
R732	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R733	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R734	2007-000642	R-CHIP;270OHM,5%,1/10W,DA,TP,2012	
R735	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R736	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R737	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R738	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R739	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R740	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R744	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R745	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R747	2007-000028	R-CHIP;39OHM,5%,1/10W,DA,TP,2012	
R748	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R749	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R750	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R752	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R753	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R754	2007-000457	R-CHIP;18KOHM,5%,1/10W,DA,TP,2012	
R755	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
R756	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R757	2007-000457	R-CHIP;18KOHM,5%,1/10W,DA,TP,2012	
R758	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
R759	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R760	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R761	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R762	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R763	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R764	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R765	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R766	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R767	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R768	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R769	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R770	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R771	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R772	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R773	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
R774	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
R775	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
R776	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
R777	2007-000449	R-CHIP;180OHM,5%,1/10W,DA,TP,2012	
R778	2007-000449	R-CHIP;180OHM,5%,1/10W,DA,TP,2012	
R779	2007-000449	R-CHIP;180OHM,5%,1/10W,DA,TP,2012	
R780	2007-000030	R-CHIP;560OHM,5%,1/10W,DA,TP,2012	
R781	2007-000844	R-CHIP;3KOHM,5%,1/10W,DA,TP,2012	
R782	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
R783	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
R784	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R785	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R786	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R787	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R788	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R789	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R790	2007-000449	R-CHIP;180OHM,5%,1/10W,DA,TP,2012	
R791	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R792	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R793	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R794	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
RE01	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
RE02	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
RP701	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
RP702	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
RP703	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
RP704	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
RP705	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
RP706	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
RP707	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RP708	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RP709	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RP710	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RP711	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RP712	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
RP713	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
RP714	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	

ASSY ACCESSORY

S/D	AA68-00960A	MANUAL-S/D;SP40J5HA,SEI,ENG,ITALY,W/P100
S/N	AA68-00290A	MANUAL-USERS;SP403JHAX/XEC,-,SPA,-,W/P10
	AA68-00867A	MANUAL USERS;M51A,W/P 100(G),56,B5,-,ITA
	AA39-40001B	CABLE-RCA;-,RCA,1500mm,0.12/10,RED/WHT/Y

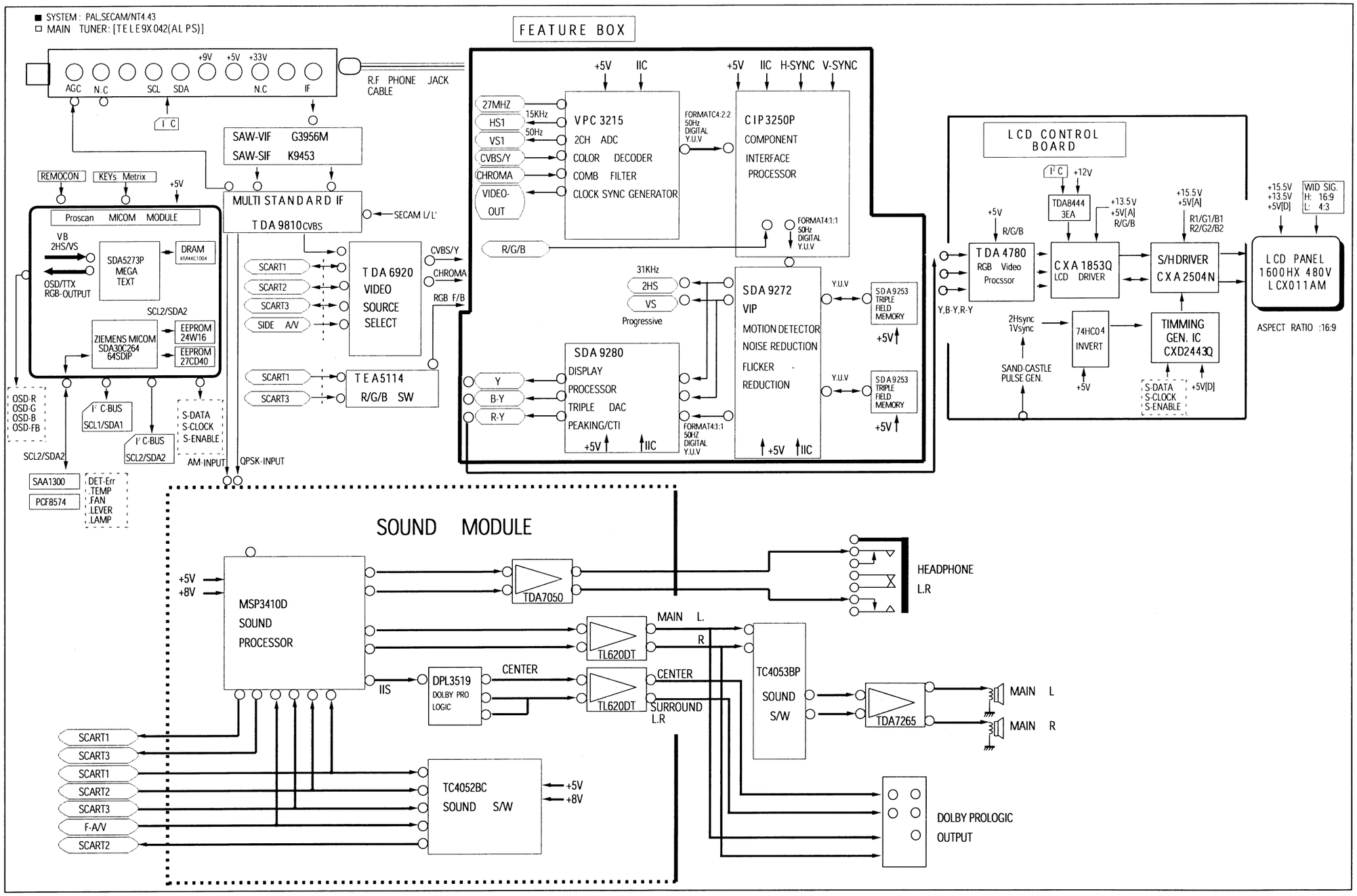
REMOCON

*	AA59-00130A	REMOCON;-,TM63,SSIM808P,47,SILVER,-,EX

MEMO

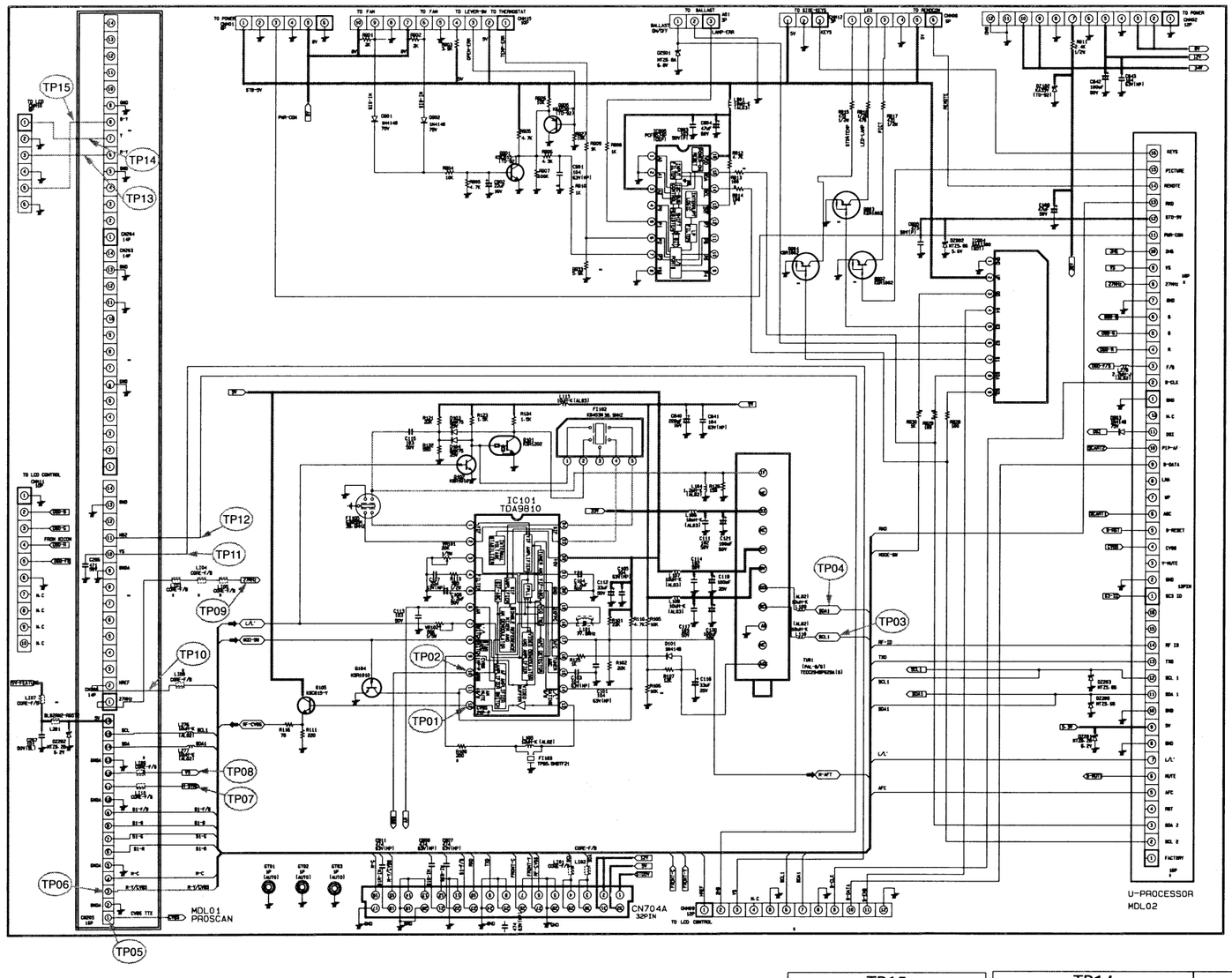
9. Block Diagram

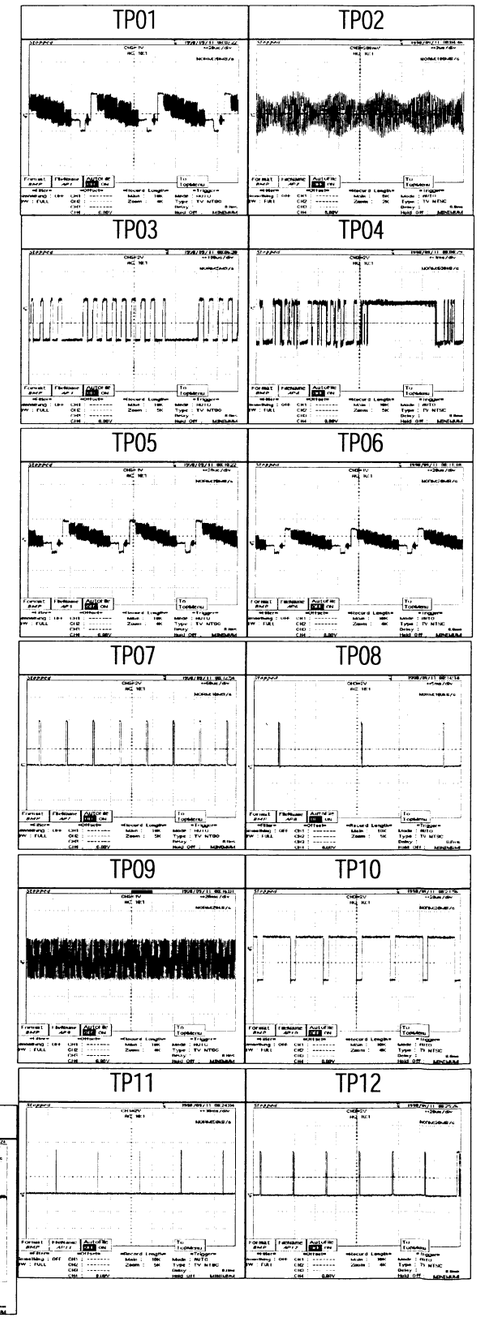
9-1 M51A (SP40J5HA)



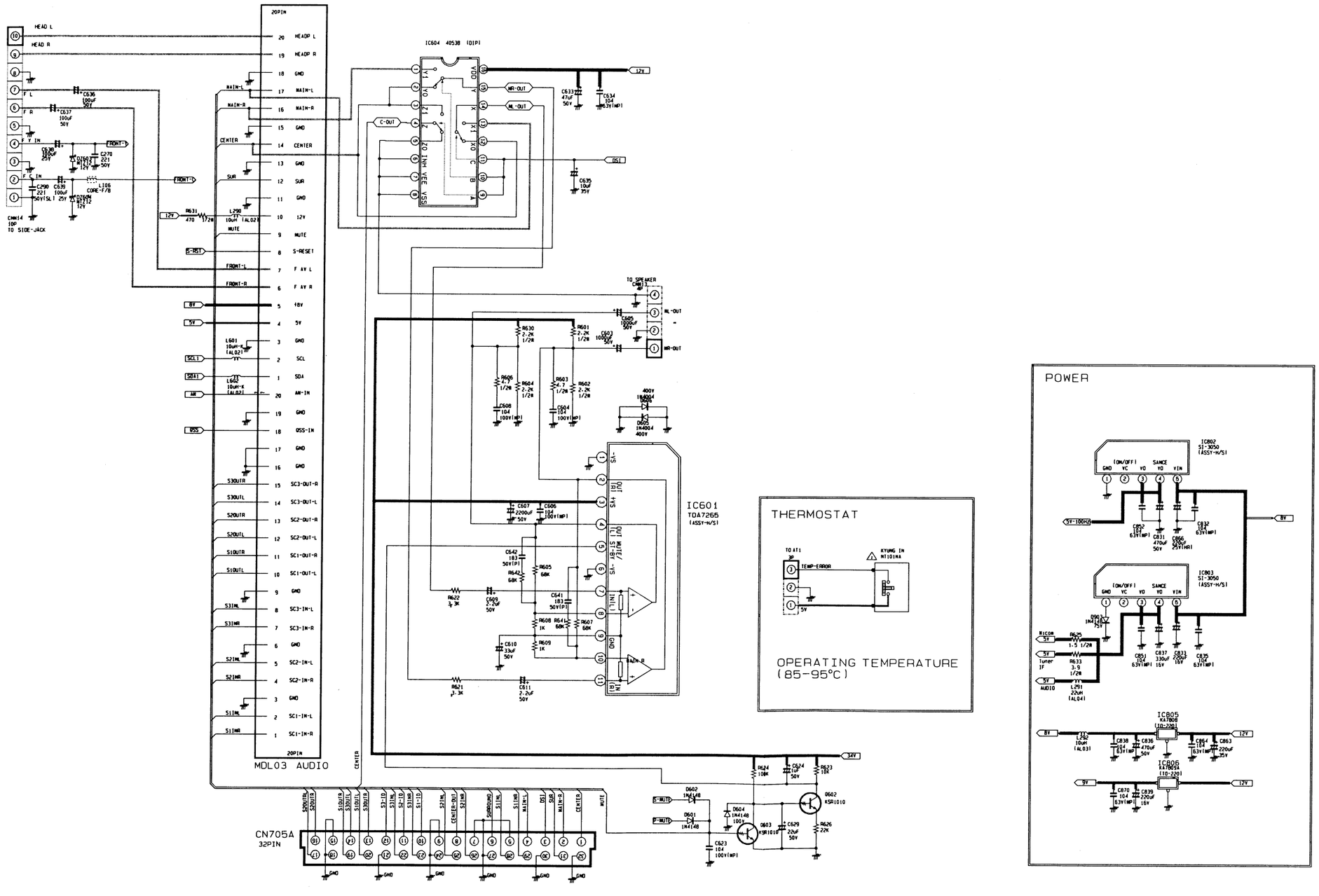
10. Schematic Diagrams

10-1 MAIN (1)

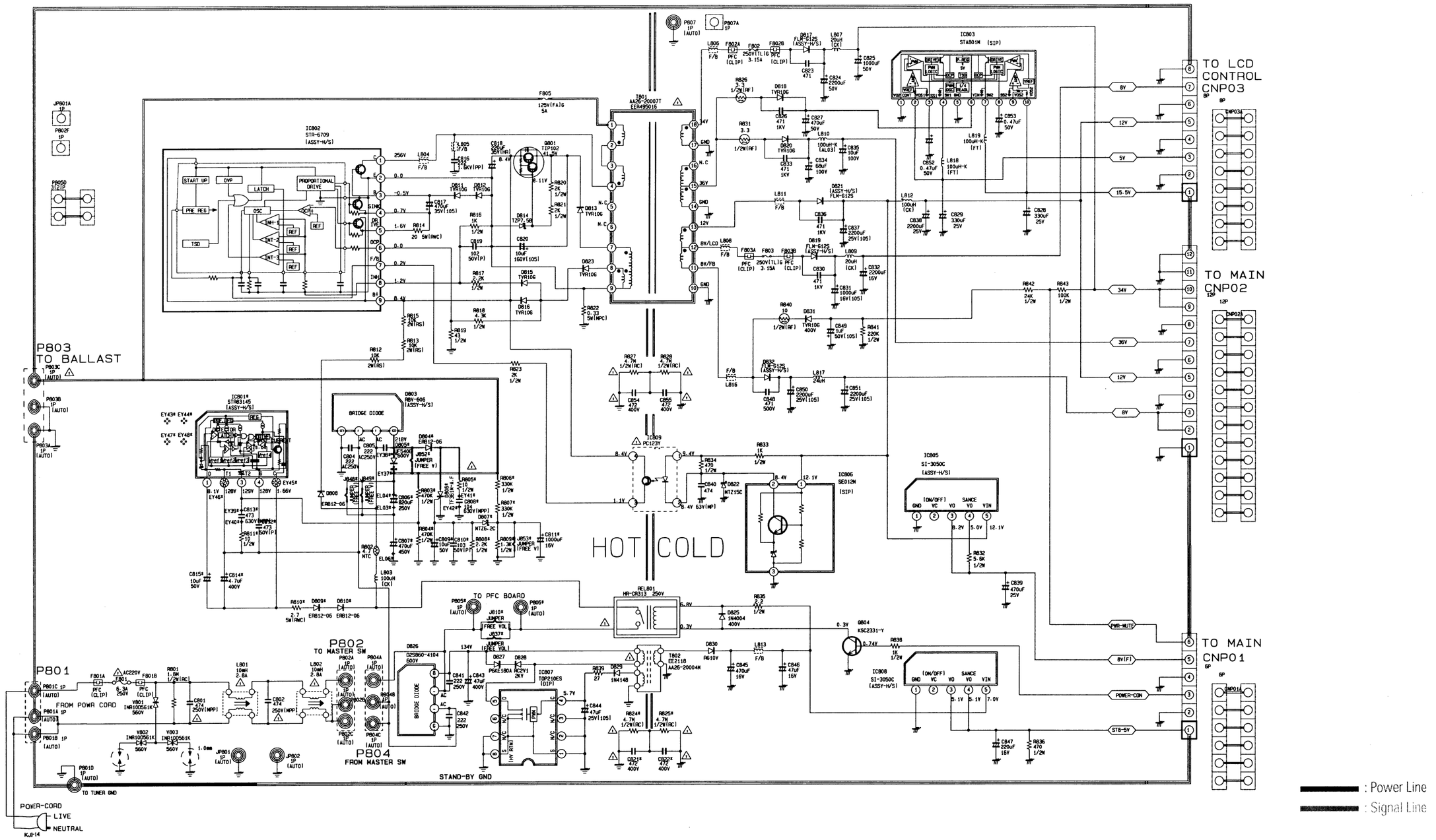




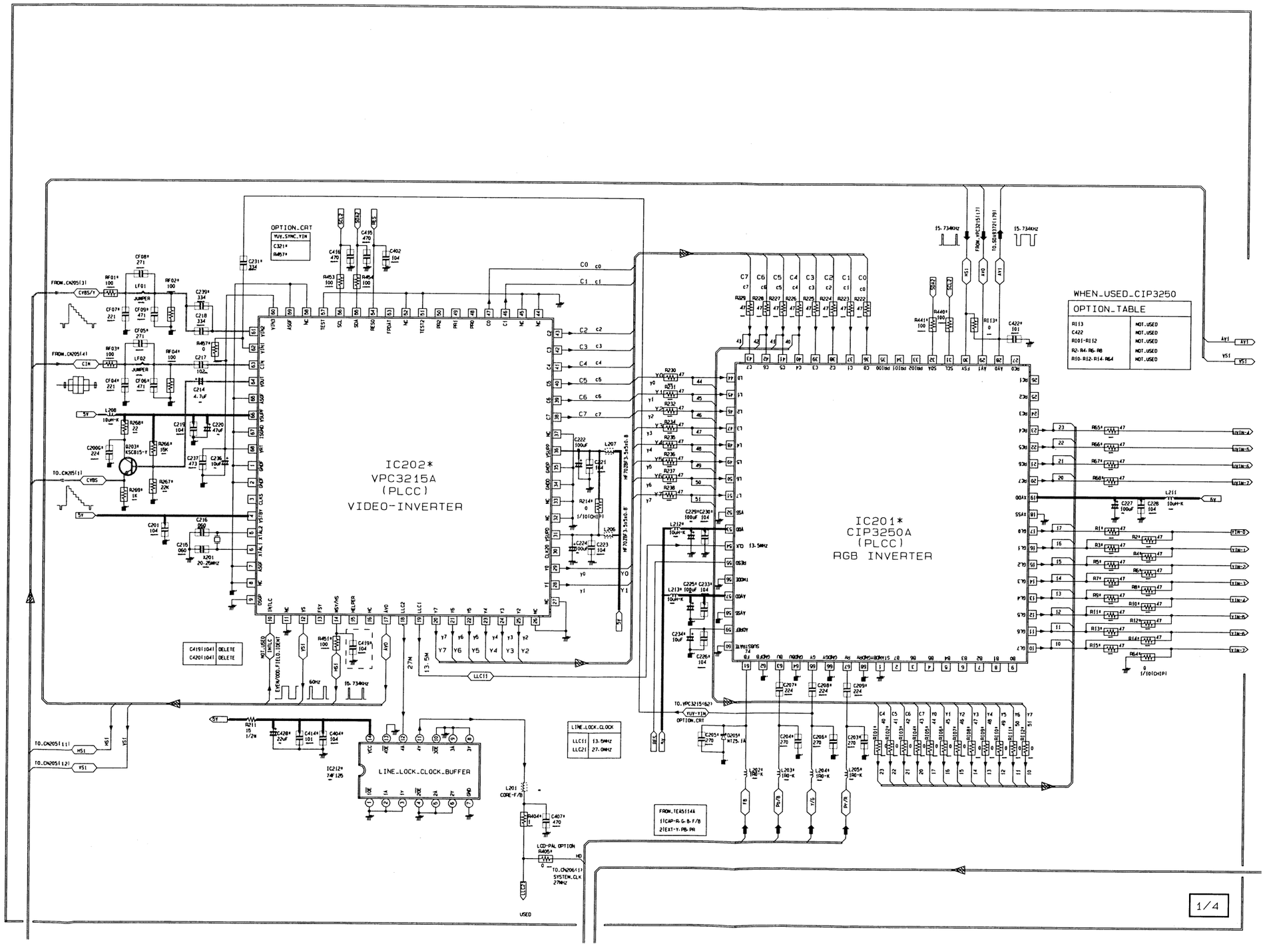
10-2 MAIN (2)


20PIN
HEAD L
HEAD R
F L
F R
Y IN
F C IN
CONN4
10P
TO SIDE-JACK
FRONT-L
FRONT-R
MAIN-L
MAIN-R
CENTER
SUR
MUTE
S-RESET
F AV L
F AV R
8V
5V
SCL
SDA
AM
QSS
S3OUTR
S3OUTL
S2OUTR
S2OUTL
S1OUTR
S1OUTL
S3INL
S3INR
S2INL
S2INR
S1INL
S1INR
MDL03 AUDIO
CN705A
32PIN
IC604 4053B (DIP)
C-OUT
MR-OUT
ML-OUT
DSL
12V
TO SPEAKER
IC601
TDA7265
(ASSY-M/SI)
THERMOSTAT
TO ATI
TEMP-ERROR
KYUNG IN MTI01NA
OPERATING TEMPERATURE
(85-95°C)
POWER
IC802
SI-3050
(ASSY-M/SI)
IC803
SI-3050
(ASSY-M/SI)
IC805
KA7808
(10-220)
IC806
KA7809
(10-220)
34V
9V
: Power Line
: Signal Line

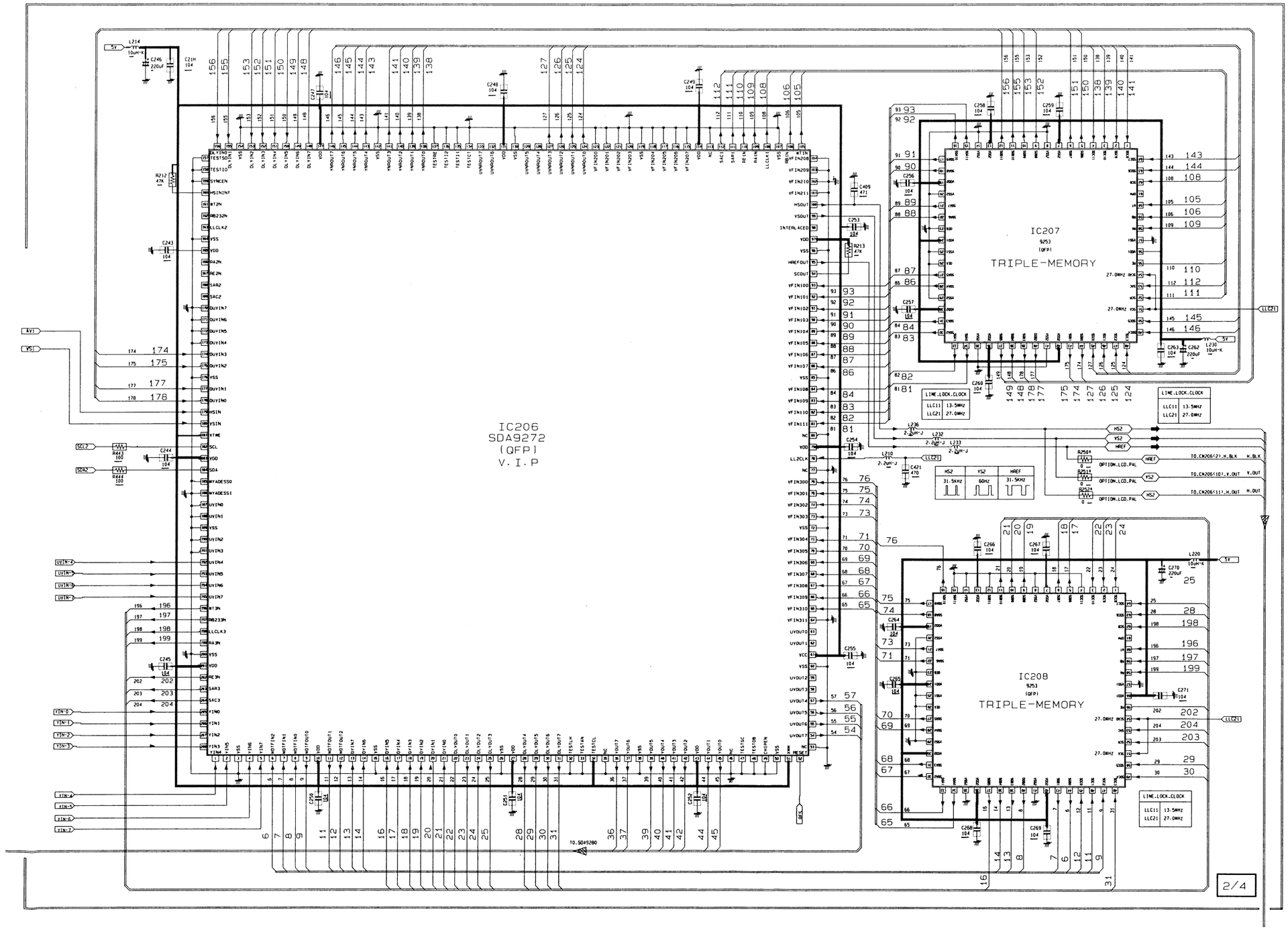
10-3 MAIN (POWER)



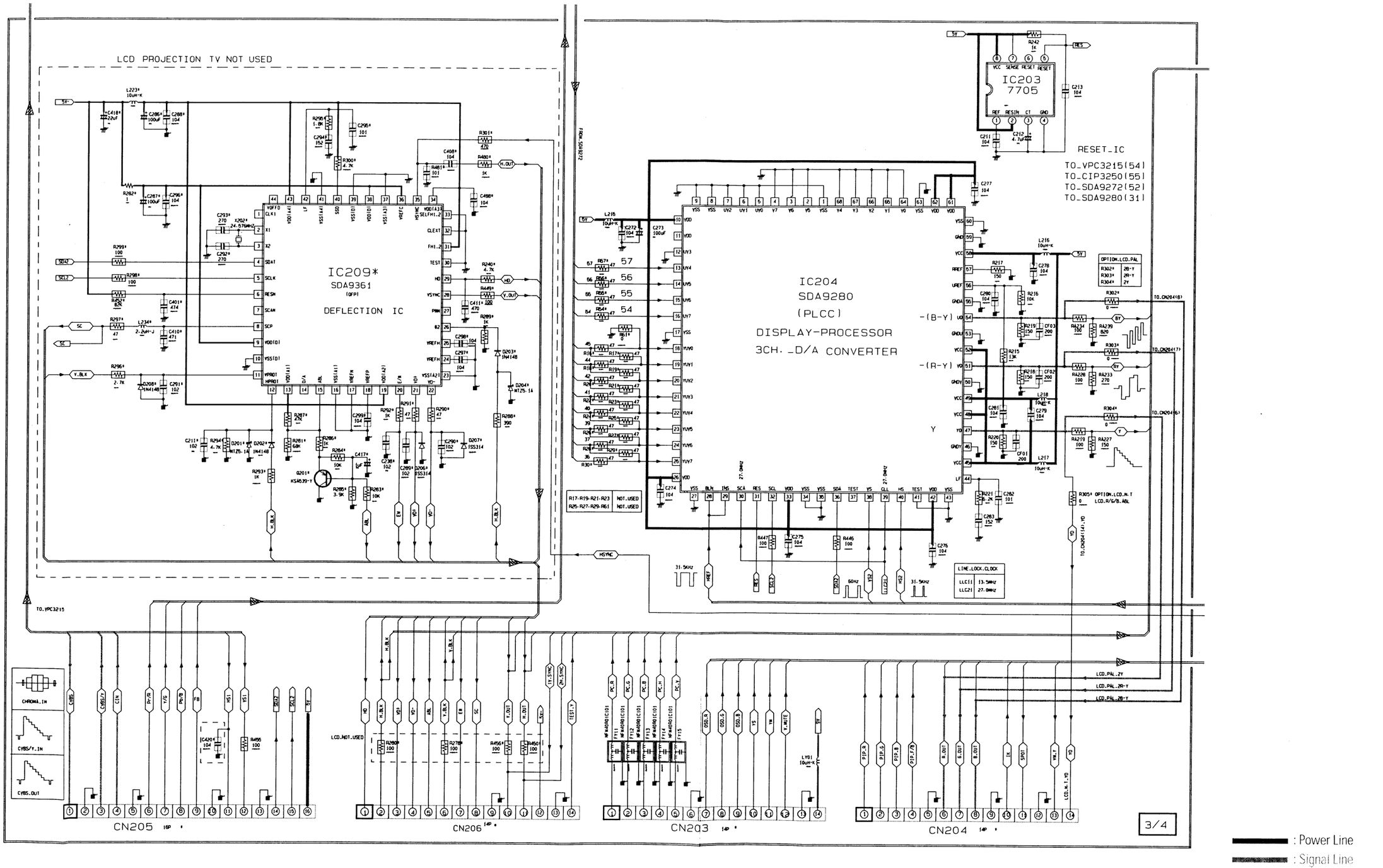
10-4 PROSCAN (1)



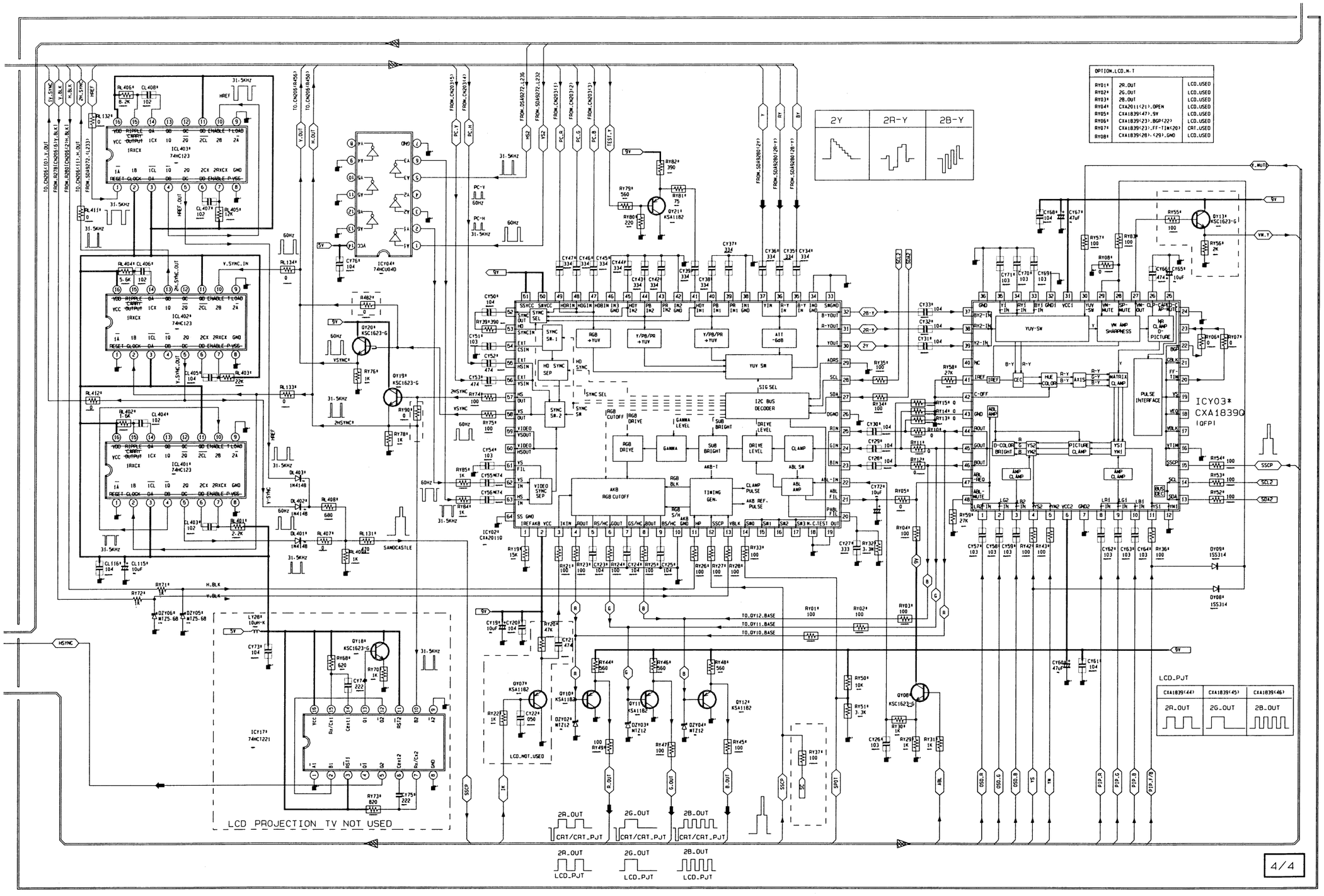
10-5 PROSCAN (2)



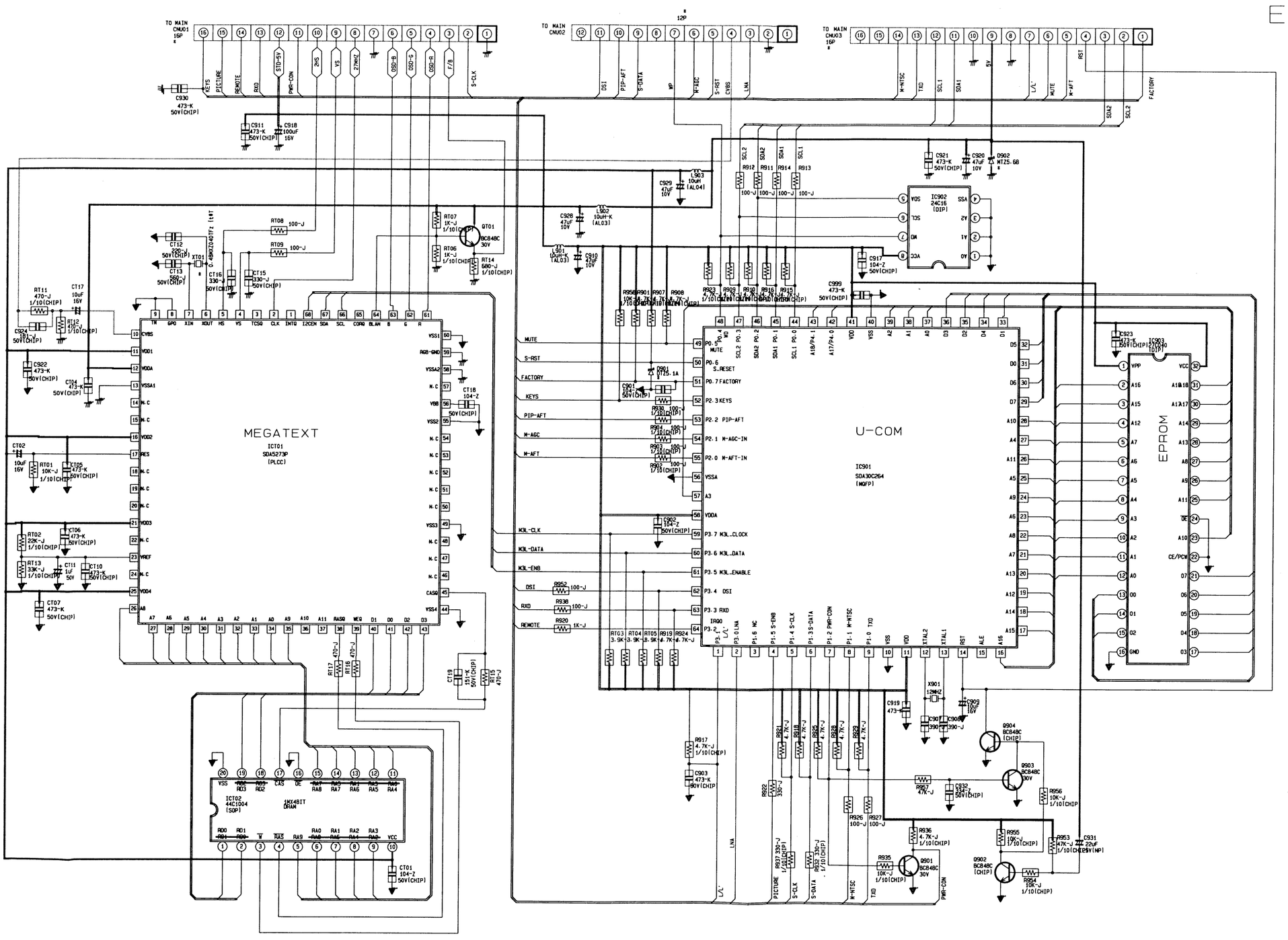
10-6 PROSCAN (3)



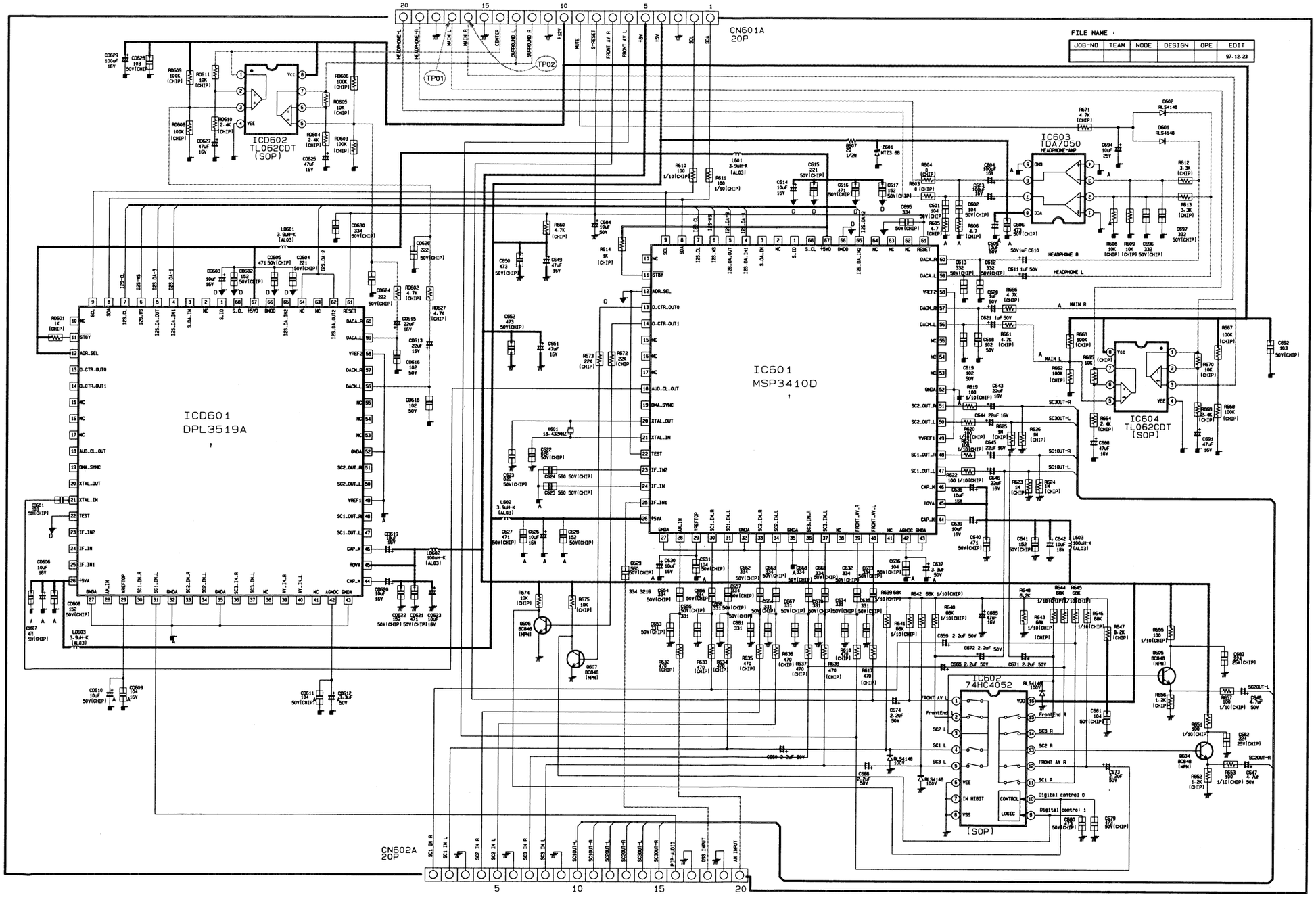
10-7 PROSCAN (4)



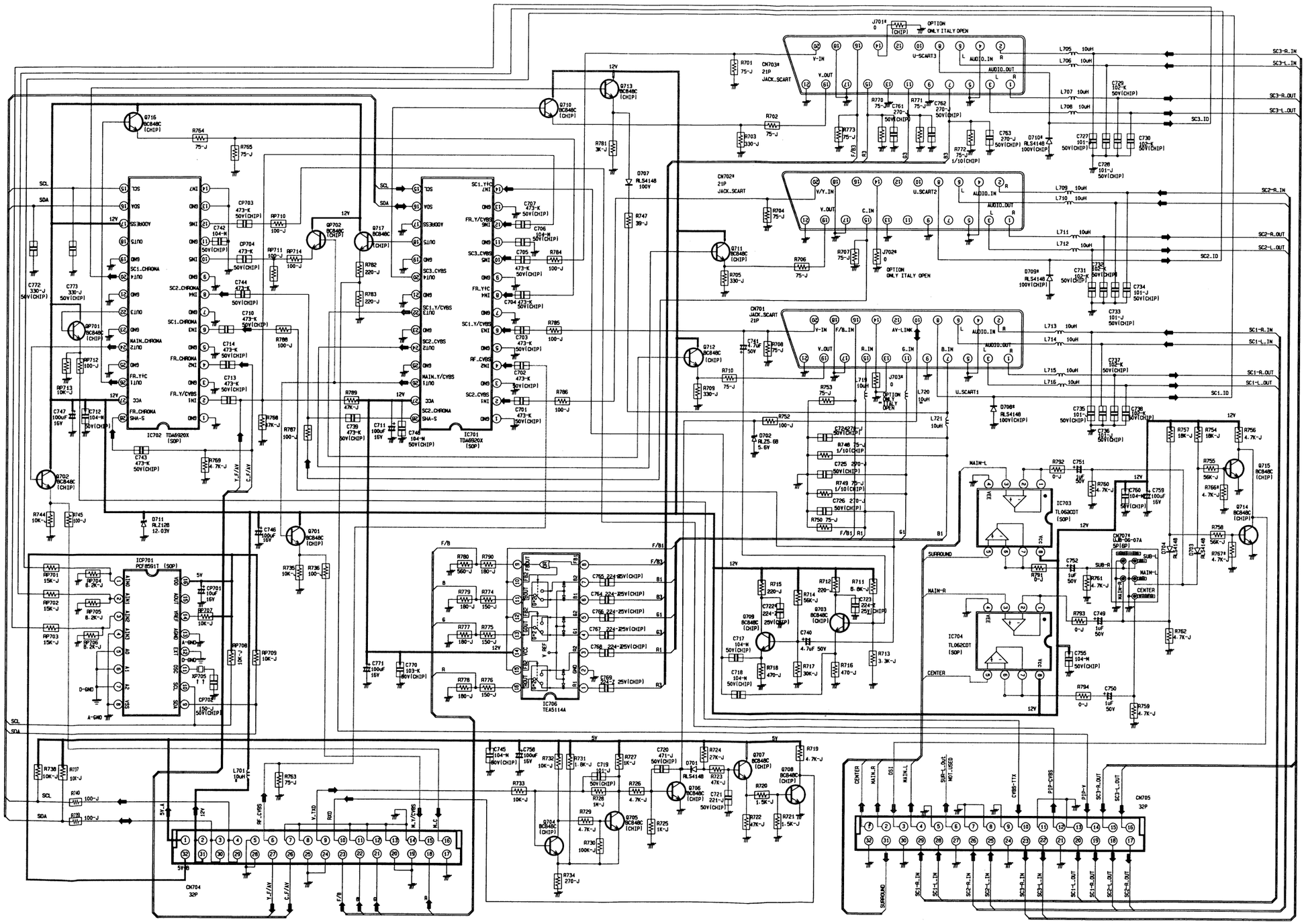
10-8 MAIN (u-COM)



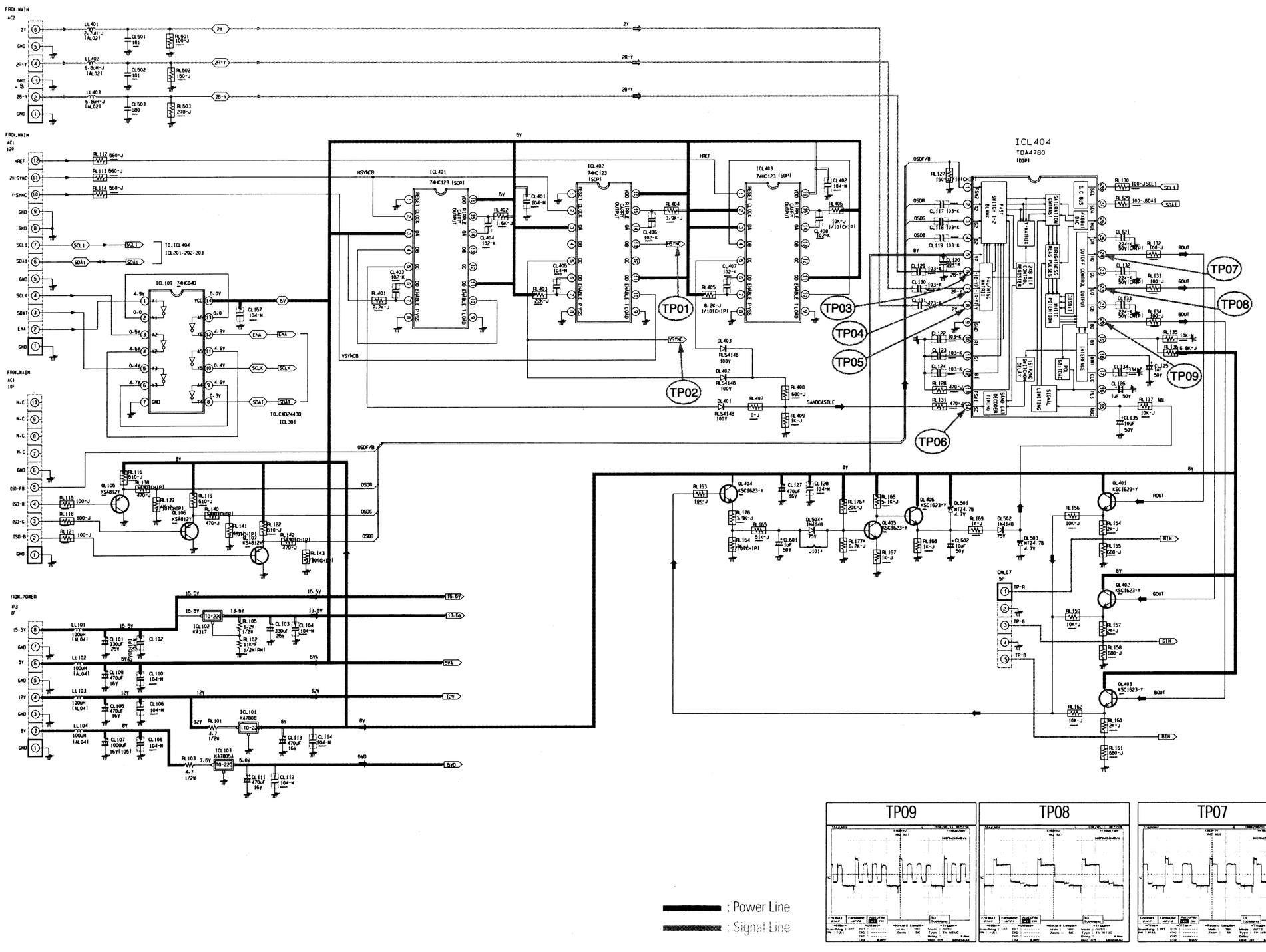
10-9 MAIN (AUDIO)

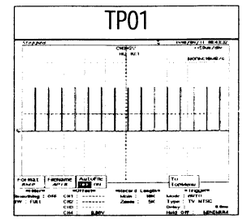


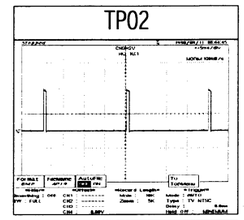
10-10 MAIN (A/V TERMINAL)

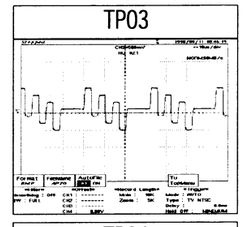


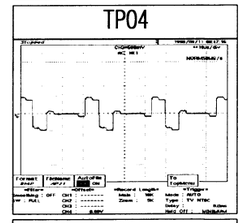
10-11 CONTROL LCD (1)

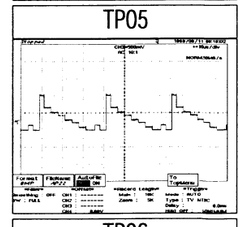


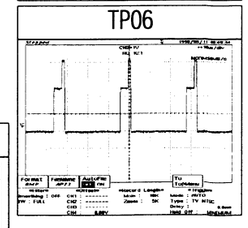


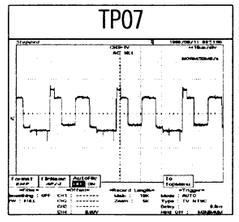




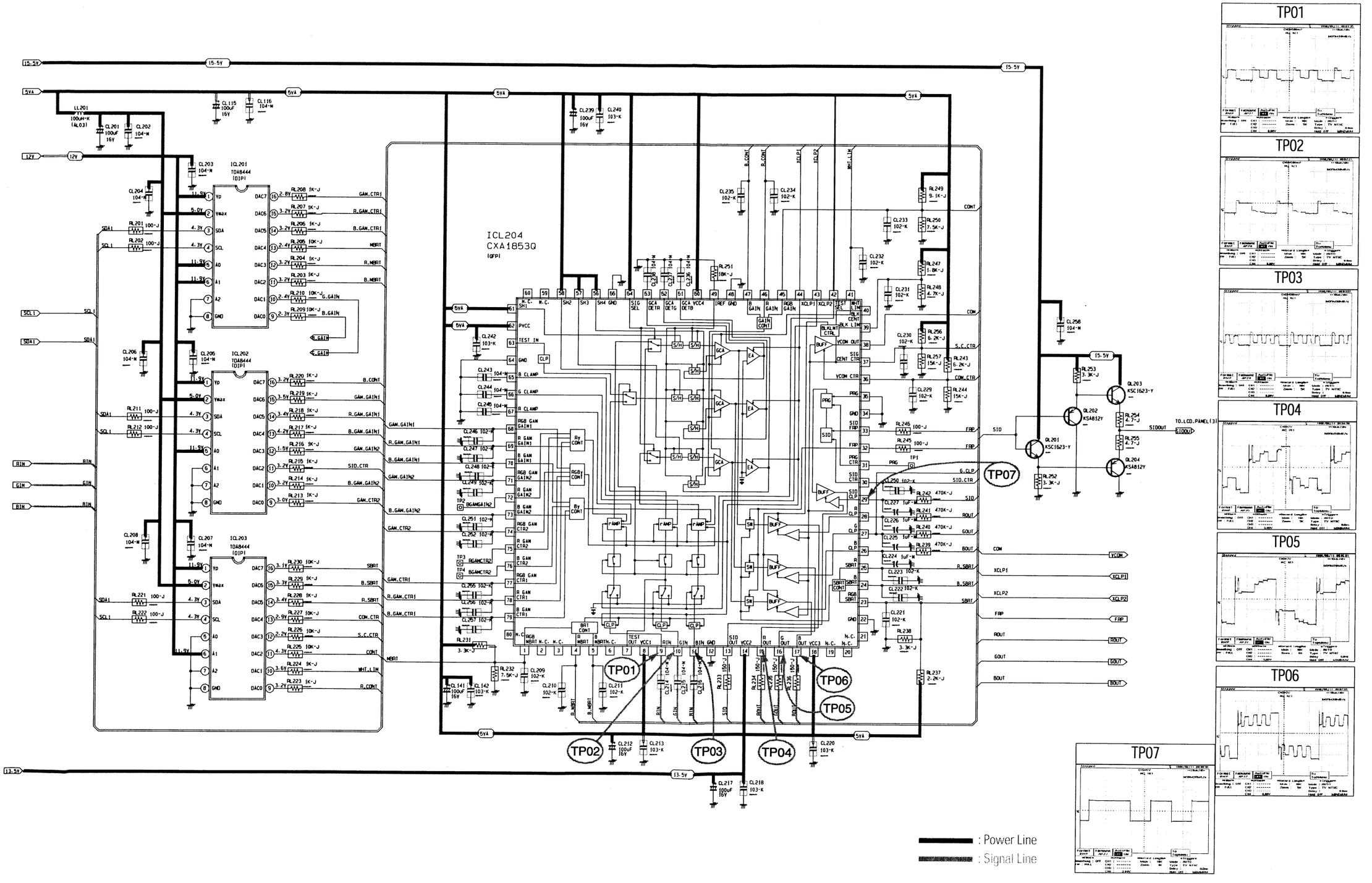




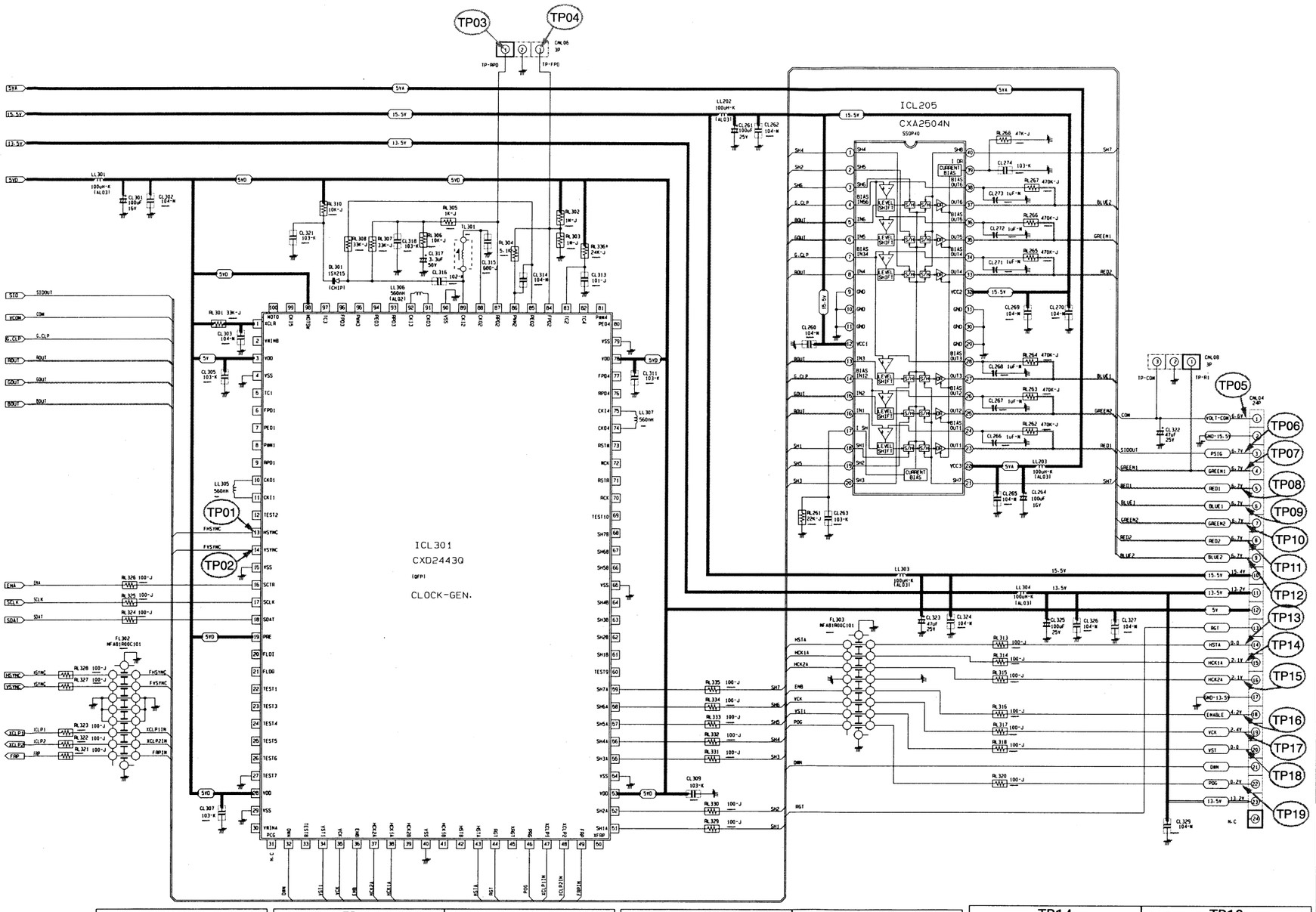




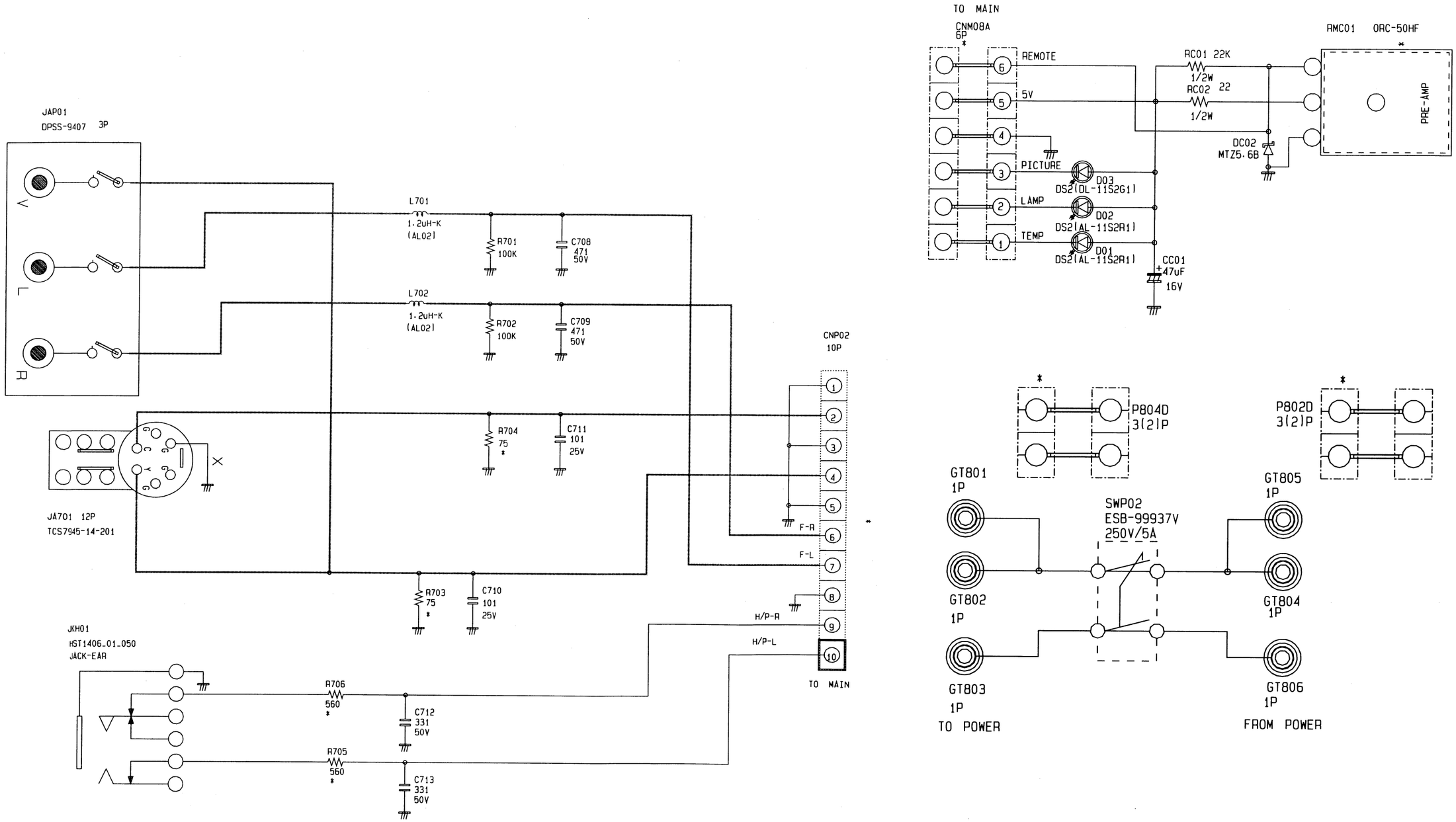
10-12 CONTROL LCD (2)



10-13 CONTROL LCD (3)



10-14 MAIN SUB (RCA-JACK/REMOCON/MASTER)



: Signal Line

10-15 MAIN SUB (LEDKEY/LEVER/SUB)